



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

June 22, 1989

RECEIVED
JUN 26 1989

Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

Attention: Ronald J. Firth

Re: **CONFIDENTIAL**
Croquet Federal #3
NE/NW Section 35-T6S-R21E
Uintah County, Utah

Gentlemen:

Enclosed for your review and approval are three copies of Federal Form 3160-3, with attachments, as application for permit to drill the referenced well. The federal APD form and its attachments, including a survey plat, drilling plan and surface use plan, provide the information required by R615-8-3.

TXO Production Corp. will obtain an approved temporary water use permit from the Utah Division of Water Rights prior to drilling this well. The Green River is the anticipated water source.

If you have any questions or need additional information, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.

Charles K. Curlee
Environmental Manager

CKC/gbp

Enclosure



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
TXO Production Corp. Attn: C.K. Curlee

3. ADDRESS OF OPERATOR
1800 Lincoln Center, Denver, CO 80264

4. LOCATION OF WELL (Report location clearly and in accordance with BLM Form 3160-3)
At surface
1994' FWL, 653' FNL (NE/NW)
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 14.9 miles SW of Naples, Utah

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

653'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. (Croquet Fed. #1)

Approx. 2300'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4883' G.R.

RECEIVED
JUN 26 1989

DIVISION OF
OIL, GAS & MINING

19. PROPOSED DEPTH
3650' Green River

5. LEASE DESIGNATION AND SERIAL NO.
U-53862

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Croquet Federal

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Horseshoe Bend (6207)

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Section 35-T6S-R21E

12. COUNTY OR PARISH
Utah

13. STATE
UT

16. NO. OF ACRES ASSIGNED
TO THIS WELL
635.15

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
August 1, 1989

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	350'	230 sacks
7 7/8"	4 1/2"	10.5#	3800'	250 sacks

All casing will be new K-55. Refer to attached Drilling Plan for program details.

CONFIDENTIAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Gary E. Wurdeman TITLE Dist. Drilling & Prod. Mgr DATE June 14, 1989

(This space for Federal or State office use)

PERMIT NO. 43-047-31867

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVAL DATE 7-7-89

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

DATE 7-7-89
BY De P. Bays
WELL SPACING: Cause No. 145-8

*See Instructions On Reverse Side

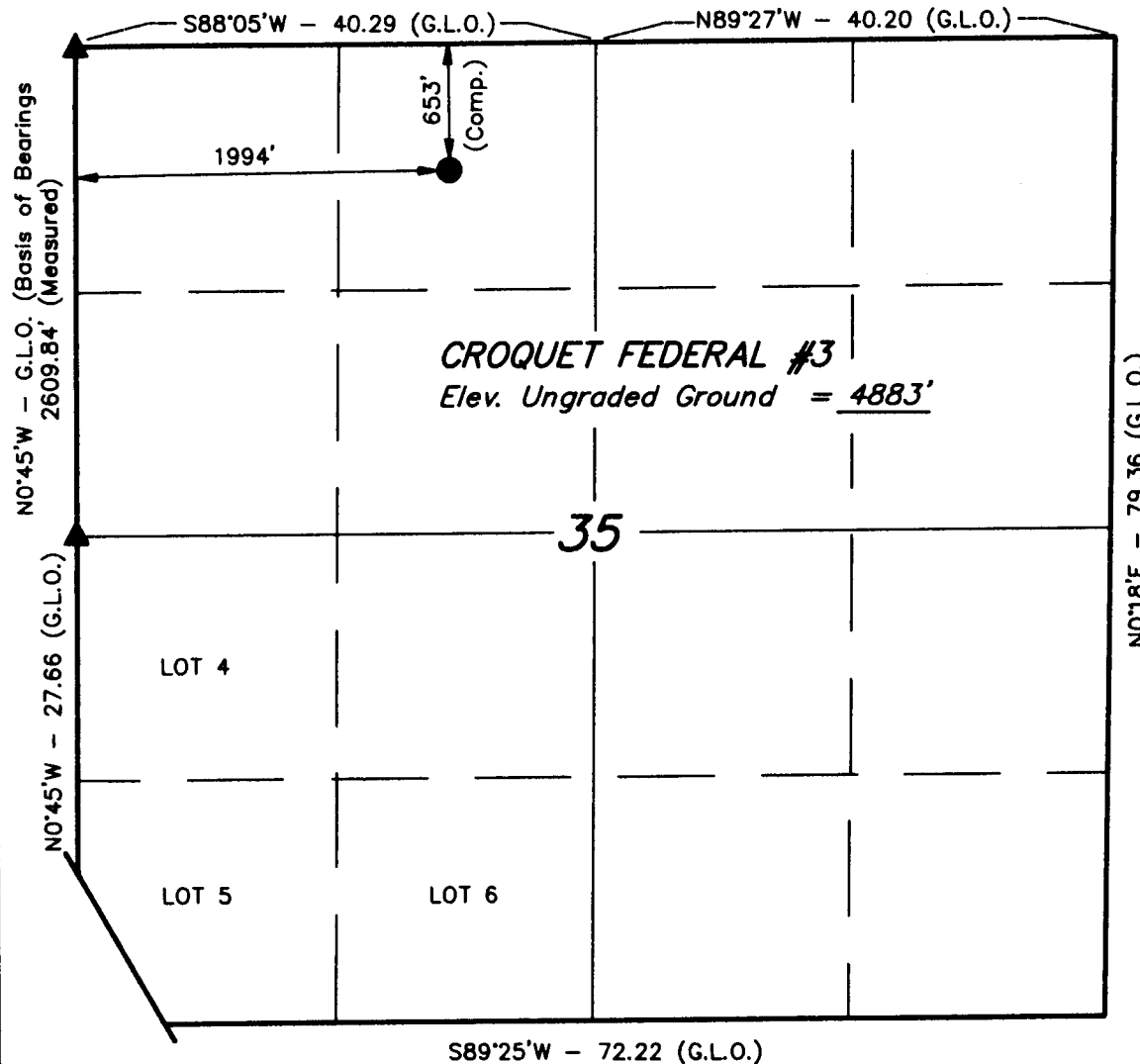
T6S, R21E, S.L.B.&M.

TXO PRODUCTION CORP.

Well location, CROQUET FEDERAL #3,
located as shown in the NE 1/4 NW 1/4 of
Section 35, T6S, R21E, S.L.B.&M. Uintah
County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION ON A HILL TOP IN THE SOUTHWEST 1/4
OF SECTION 26, T6S, R21E, S.L.B.&M. TAKEN FROM THE
VERNAL SE QUADRANGLE, UTAH - UINTAH COUNTY, 7.5
MINUTE QUAD. (TOPOGRAPHIC MAP). PUBLISHED BY THE
UNITED STATES DEPARTMENT OF THE INTERIOR,
GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS
BEING 4938 FEET.



CERTIFIED

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

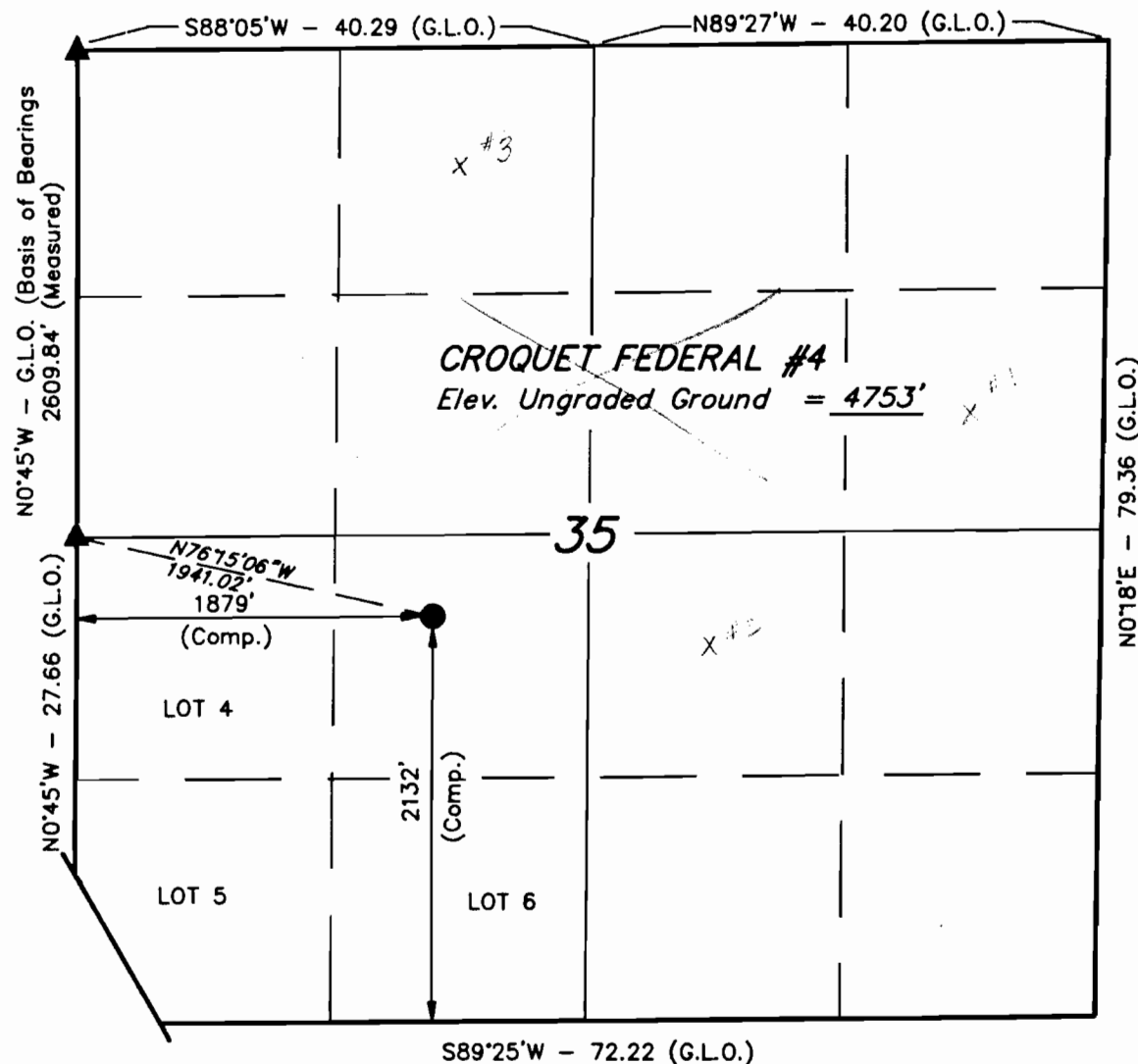
REGISTERED LAND SURVEYOR
STATE OF UTAH
ROBERT L. KAY
KAY

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6-5-89
PARTY R.L.K. K.K. J.T.K.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE TXO PRODUCTION CORP.

▲ = SECTION CORNERS LOCATED. (BRASS CAPS)

T6S, R21E, S.L.B.&M.



▲ = SECTION CORNERS LOCATED. (BRASS CAPS)

TXO PRODUCTION CORP.

Well location, CROQUET FEDERAL #4,
located as shown in the NE 1/4 SW 1/4 of
Section 35, T6S, R21E, S.L.B.&M. Uintah
County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION ON A HILL TOP IN THE SOUTHWEST 1/4
OF SECTION 26, T6S, R21E, S.L.B.&M. TAKEN FROM THE
VERNAL SE QUADRANGLE, UTAH - UTAH COUNTY, 7.5
MINUTE QUAD. (TOPOGRAPHIC MAP). PUBLISHED BY THE
UNITED STATES DEPARTMENT OF THE INTERIOR,
GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS
BEING 4938 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Hay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5708
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6-6-89
PARTY R.L.K. K.K. J.T.K.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE TXO PRODUCTION CORP.

DRILLING PLAN

DATE: June 14, 1989

WELL NAME: Croquet Federal #3

SURFACE LOCATION: 1994' FWL, 653' FNL, (NE/NW) Section 35-T6S-R21E, SLB&M, Uintah County, Utah

FEDERAL OIL & GAS LEASE NO.: U-53862

Be advised that TXO Production Corp. is considered to be the operator on the above described lands and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands or portions thereof, bond coverage for this well is provided by Bond No. 5570134, Principal TXO Production Corp.

I. DRILLING PROGRAM

1. **SURFACE FORMATION:** Duchesne River
2. **ESTIMATED FORMATION TOPS:**

Uinta	1000'
Uinta "B"	3233'
Green River	3450'
Total Depth	3650'
3. **ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:**

Expected Gas Zones: Uinta "B"
4. **PRESSURE CONTROL EQUIPMENT:**
 - A. After surface casing is set, a double ram-type blowout preventer with blind rams and pipe rams, with minimum working pressure of 2000 psi will be installed. See Exhibit 1.
 - B. A choke control, fill and kill lines with minimum working pressure of 2000 psi will be installed.
 - C. The equipment in A and B will be pressure-tested to 2000 psi for a minimum of 15 minutes before drilling surface pipe cement. The blowout preventer will be tested for proper operation daily and during trips.
5. **CASING PROGRAM AS PER FORM 3160-3.**

6. MUD PROGRAM:

0'-2600' Native, 8.8-9.2 ppg, 28-32 viscosity API
2600'-TD LSND, 9.0-9.4, 35-45 viscosity API; WL less than 10
cc's

7. CORING, LOGGING, TESTING PROGRAM:

- A. No coring anticipated.
- B. Logging will consist of: GR-SP-DIL from TD to surface casing; GR, CAL, FDC-CNL from TD to \pm 500' above TD.
- C. Possible DST for Unita "B" zone.

8. ABNORMAL CONDITIONS:

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gases such as H₂S are expected.

9. AUXILIARY EQUIPMENT:

- A. A kelly cock will be used.
- B. A float valve will be run in the drill string above the bit.
- C. A sub with full opening valve will be kept on the derrick floor to stab into DP when kelly is not in use.

10. ANTICIPATED STARTING DATES:

Start location construction	August 1, 1989
Spud date	August 4, 1989
Complete drilling	August 14, 1989
Completed	August 24, 1989

11. COMPLETION PROGRAM:

A smaller completion rig will replace the drilling rig for this portion of the operations if the well shows capability of commercial production. After casing is set by the drilling rig, the completion rig will be moved in and productive zones will be perforated, tested and treated as necessary. Gas will be flared during testing. Produced liquid hydrocarbons will be directed to test tanks on location. Produced water will be contained in the drilling reserve pit. The extent of treatment of a zone (acidizing and/or fracing) can only be determined after the zone has been tested. An exact completion program will be furnished after drilling and logging, if requested.

II. SURFACE USE PROGRAM

1. EXISTING ROADS

- A. From Bonanza, Utah proceed 10.3 miles south on new highway. Turn right (west) just before crossing the Green River and proceed 6.7 miles west and south across narrow saddle and into "Horseshoe Bend" area surrounded by the Green River. Turn left (east) and proceed 0.7 mile up road. Location is adjacent to road.
- B. Access route to location color coded in red and labeled. Refer to Exhibit 2.
- C. For development well, all existing roads within one mile color coded in yellow. Refer to Exhibit 3.
- D. Plans for improvement and maintenance of existing roads: The existing roads will require minimal maintenance. During wet periods, maintenance may be necessary to facilitate passage by heavy well servicing equipment. Dry periods will require some road watering to control dust and improve stability.

2. PLANNED ACCESS ROAD

- A. Approximately 30' of new road will be constructed to provide access to the west end of the well pad. The road will be flat-bladed to a 16' running surface and will have a grade of $\pm 1\%$. No culverts, fence cuts, or turnouts will be necessary. See Exhibit 4.
- B. All travel will be confined to existing access road rights-of-way. Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil & Gas Development.

3. LOCATION OF EXISTING WELLS

Exhibit 5 is a one-mile radius locating and identifying the following:

- A. Water wells-None
- B. Injection Wells-None
- C. Abandoned Wells- Snyder Bend 1
- D. Disposal Wells-None
- E. Producing Wells-TX0 Croquet Fed's 1&2, Chevron Fed. #4, McLish St.7
- F. Drilling Wells-None
- G. Shut-in Wells-None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. On-well-pad production facilities, if well is successfully completed for production.

1. Proposed facilities and attendant lines in relation to the well pad. Refer to Exhibit 6.
2. Dimensions of facilities: Refer to Exhibit 6.
3. The production facilities will include: Combination production unit, meter run, and dehydrator, a condensate tank, and two small production pits. The anticipated location of these facilities is shown on Exhibit 6.

The pits will be located in cut to contain all water production and built in accordance with NTL-2B IV.4. specifications for disposal of less than five barrels of produced water per day. In the event the volume of produced water exceeds 5 BWPD, TXO will investigate alternate disposal methods and obtain approval as required by NTL-2B.

4. Two pits are required for efficient operations at this prospective gas well.

One pit will will contain high pressure blowdown discharges and the second pit will be located adjacent to the production unit. The blowdown pit will be remote from the production equipment because of the hazards of the occasional high pressure discharge. Limited fluid discharge from the production equipment to the blowdown pit is not feasible due to line freezes in winter. Thus, the second pit is required adjacent to the production equipment.

5. Protective devices and measures to protect livestock and wildlife: The water production pit and blowdown pit will be fenced with woven wire in a welded frame to protect livestock and wildlife. Production lines on the location between the wellhead, production equipment, pits, and gas pipeline will be wrapped and buried.
6. All permanent structures on-site will be painted a flat, non-reflective earthtone (Desert Brown) within 6 months of installation, excluding OSHA compliance facilities.

6 months of installation, excluding OSHA compliance facilities.

B. Off-well-pad production facilities.

No off-well-pad facilities, other than a gas pipeline, are anticipated.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location and type of water supply: Water will be obtained from the Green River, probably in the SW/4 of Section 36-T6S-R21E. TXO will secure a valid water permit from the State of Utah for the proposed supply source.

Temporary water use permits from the State of Utah will be obtained for the sources used.

- B. Method of transporting water: The water will be hauled in trucks by a certified water hauler. The exact route will depend on the source chosen; however, all travel will be on existing roads.

- C. If water well is to be drilled, so state: No water well is contemplated.

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Show information either on map or by written description: It is anticipated that cuts on location will furnish sufficient quantities of material to construct a level location. Topsoil will be stockpiled on the east end of the pad for later use during rehabilitation of the disturbed areas. Excess excavated material from the pit will be stockpiled on the northeast side of the pit for use during rehabilitation. Please refer to Exhibit 7.

- B. Identify if from Federal or Indian Land: The affected land is federal and under the jurisdiction of the Bureau of Land Management.

- C. No additional materials, such as sand or gravel, are to be obtained and a minerals material application is not required. If such fill materials are needed, proper permits will be obtained from BLM if the material source is on federal public land.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings will be contained and disposed of in the reserve pit.

- B. Drilling fluids will be contained and disposed of in the reserve pit.
- C. Produced fracturing fluids will be directed to the reserve pit for evaporation.
- D. Sewage: A portable chemical toilet will be on location during drilling operations.
- E. Garbage and other trash will be placed in a trash bin and removed to a sanitary landfill upon completion.
- F. Protective Devices: The reserve pit will be fenced on three sides during drilling, and on the fourth side prior to the rig moving off location to protect animals. The flare pit will be fenced as part of the reserve pit. Fencing will be as prescribed in the 1978 Surface Operating Standards. If any oil is in the reserve pit, it will be removed or overhead flagging will be installed. A diversion ditch and/or compacted earthen berm will be constructed above the reserve pit (north side) to divert drainage to the east and south around the pad.
- G. Statement regarding proper cleanup when rig moves out: When the rig moves out, all trash and refuse will be removed from the location and hauled to an approved landfill. Burning will not be allowed. All pits will be filled after drying and the area restored as under Item 10 of this plan.
- H. Produced waste water will be confined to an unlined pit or a storage tank for a period not to exceed 90 days after first production. During the 90-day period, an application for approval of a permanent disposal method (unlined production pits) will be submitted to BLM for approval.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods: Camp facilities and use of airstrips are not required.

9. WELL SITE LAYOUT ATTACHMENT AND PROPOSED RIG LAYOUT

- A. Cross section of drill pad with cuts and fills: Refer to Exhibit 7.
- B. Location of mud tank, reserve pit, trash bin, pipe racks

and other facilities; rig orientation, parking areas, access road: Refer to Exhibit 7.

- C. Statement regarding pit lining: The reserve pit will be unlined. However, if the subsurface structure should prove too porous or highly fractured, a 4-inch layer of bentonite or a commercial plastic liner will be placed in the pit to prevent excessive seepage and possible groundwater contamination. A BLM representative will be contacted prior to use of the pit if unlined so that the unlined pit can be inspected by BLM.

10. PLANS FOR RESTORATION OF SURFACE

- A. Backfilling, leveling, contouring, and waste disposal: Immediately upon completion of the well, the site will be cleared of all debris and materials not needed for production and the mouse and rat holes filled. Prior to backfilling, the reserve pit will be allowed to dry by evaporation and any cans, barrels, pipe or other debris will be removed. Cuttings, drilling muds, and similar spent chemicals directed to the reserve pit pursuant to Item 7 above will be buried as the pit is backfilled. The reserve pit will be reclaimed within 120 days from the date of well completion.
- B. All disturbed areas, including either areas of the pad not needed for production facilities or the entire location and access road if a dry hole, will be graded to an appearance consistent with the natural contours. Stockpiled topsoil will then be distributed evenly over these disturbed areas. The disturbed areas will be scarified by plowing or ripping to a depth of 12" and left rough in preparation for reseeding.
- C. Disturbed areas will be reseeded with an appropriate seed mix to be determined by BLM at the time restoration activities begin. Seed will be planted using a disc-type drill set 10" apart. Seed will be planted between one-half and three quarter inches deep. A drag or roller may be used to insure uniform coverage and compaction. Drilling will be done on contour. On slopes too steep for drilling, a "Cyclone" brand seeder or similar broadcast seeder will be used, using twice the recommended amount of seed per acre. Seed will then be covered to the prescribed depth by whatever means is practical.
- D. Seeding will be done from October 1 until ground freeze. If unsuccessful, additional seeding may be required. At such time as the well is P&A'd, a surface reclamation plan will be submitted to BLM via SRA to obtain additional seeding requirements and seed mixes.

- E. Timetable for commencement and completion of rehabilitation operations: Rehabilitation will commence when drilling operations are completed, approximately August 24, 1989 and will be finished within approximately one year. It is anticipated that seeding of the recontoured pad would be performed in the Fall of 1989 following pit backfill and recontouring operations.

11. SURFACE OWNERSHIP

The access road and the well pad are located on public lands managed by the BLM.

12. OTHER INFORMATION

- A. Topography, soil characteristics, geologic features, flora, fauna: The drill site is located in a relatively flat area on bench land above the Green River. Soil in the area is sandy loam. Vegetative cover is sparse, about 25% or less. Plant species in the area include greasewood, big sagebrush, saltbush, cheatgrass, and various other grasses and forbs. Local fauna include deer, antelope, and various birds and small mammals. No threatened or endangered species are known to occur in the area.
- B. Other surface-use activities include: Oil and gas production, placer mining, and livestock grazing.
- C. Proximity of water, occupied dwellings: The Green River surrounds the Horseshoe Bend area in which the drill site is located. Closest point to the river is about 3000' west.
- D. Archeological, historical, or cultural sites: An archeological survey will be conducted for well pad and the results forwarded to the Vernal BLM Office. If any archeological, historical or cultural sites are discovered during operations, all operations affecting such sites will be suspended and the discovery reported promptly to BLM.
- E. Noxious weeds along the access road and on the wellsite will be controlled. If herbicides or pesticides are used, prior approval will be obtained from BLM for the specific chemical proposed via a Pesticide Use Proposal.
- F. BLM will be contacted between 24 and 48 hours prior to beginning construction activities at the site. BLM contacts are Byron Tolman and Jim Piani at (801) 789-1362.
- G. The drilling rig and/or other drilling equipment will not

storage would only be a temporary measure until arrangements are made for storage at off-site commercial facilities.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVES AND CERTIFICATION

- A. Name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan.

Gary E. Wurdeman
District Drilling & Production Manager
TXO Production Corp.
1660 Lincoln Street
1800 Lincoln Center Building
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 741-2517 - Residence

Comments regarding the content of this plan or arrangements for an on-site inspection should be directed to:

Charles K. Curlee
Environmental Manager
TXO Production Corp.
1660 Lincoln Street
1800 Lincoln Center Bldg.
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 355-3297 - Residence

- B. All operations will be conducted in full compliance with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable NTL's. TXO Production Corp. is fully responsible for the actions of its subcontractors. Copies of the approved permit, including all conditions, will be furnished to TXO's field representative and to the dirt contractor (Surface Use Plan portion only) to insure compliance.
- C. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by TXO Production Corp. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 USC 1001 for the filing of a false statement.

DATE:

June 14, 1989

NAME AND TITLE:


Gary E. Wurdeman

District Drilling & Production Manager

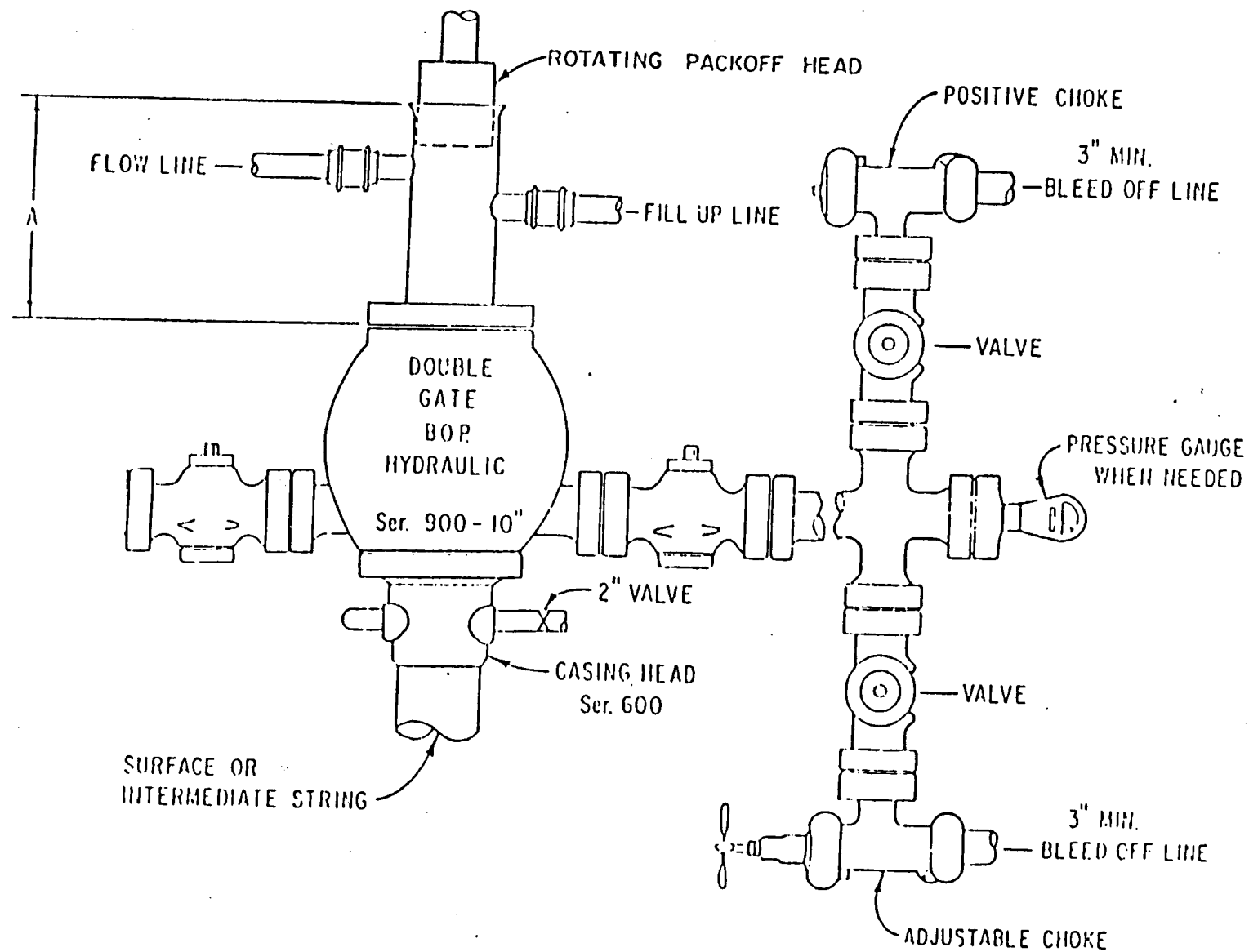


EXHIBIT I
 BLOWOUT PREVENTER DIAGRAM
 TXO PRODUCTION CORP.

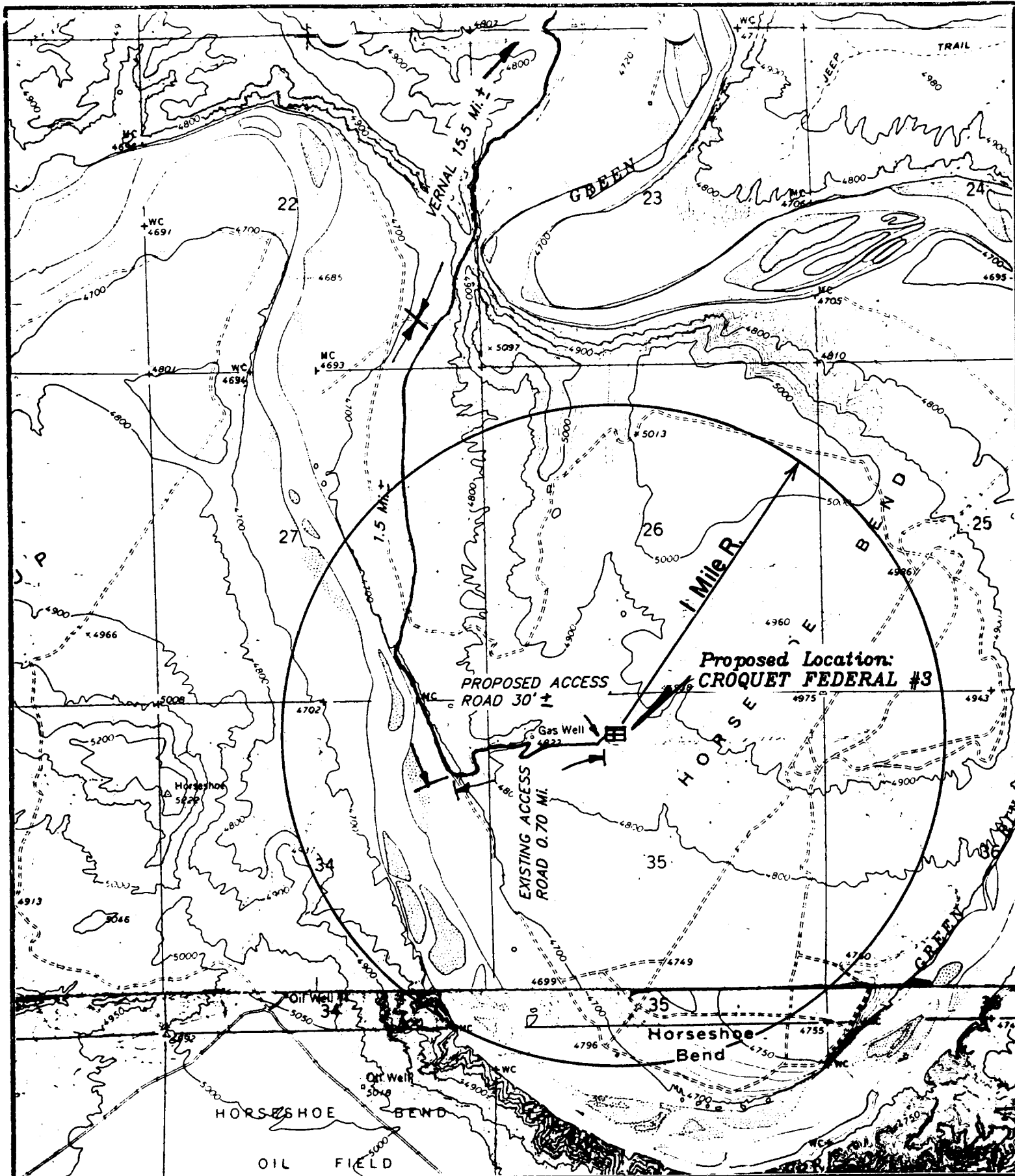


EXHIBIT 3

Existing Roads Within a One Mile Radius



TXO PRODUCTION CORP.

CROQUET FEDERAL #3
SECTION 35, T6S, R21E, S.L.B.&M.

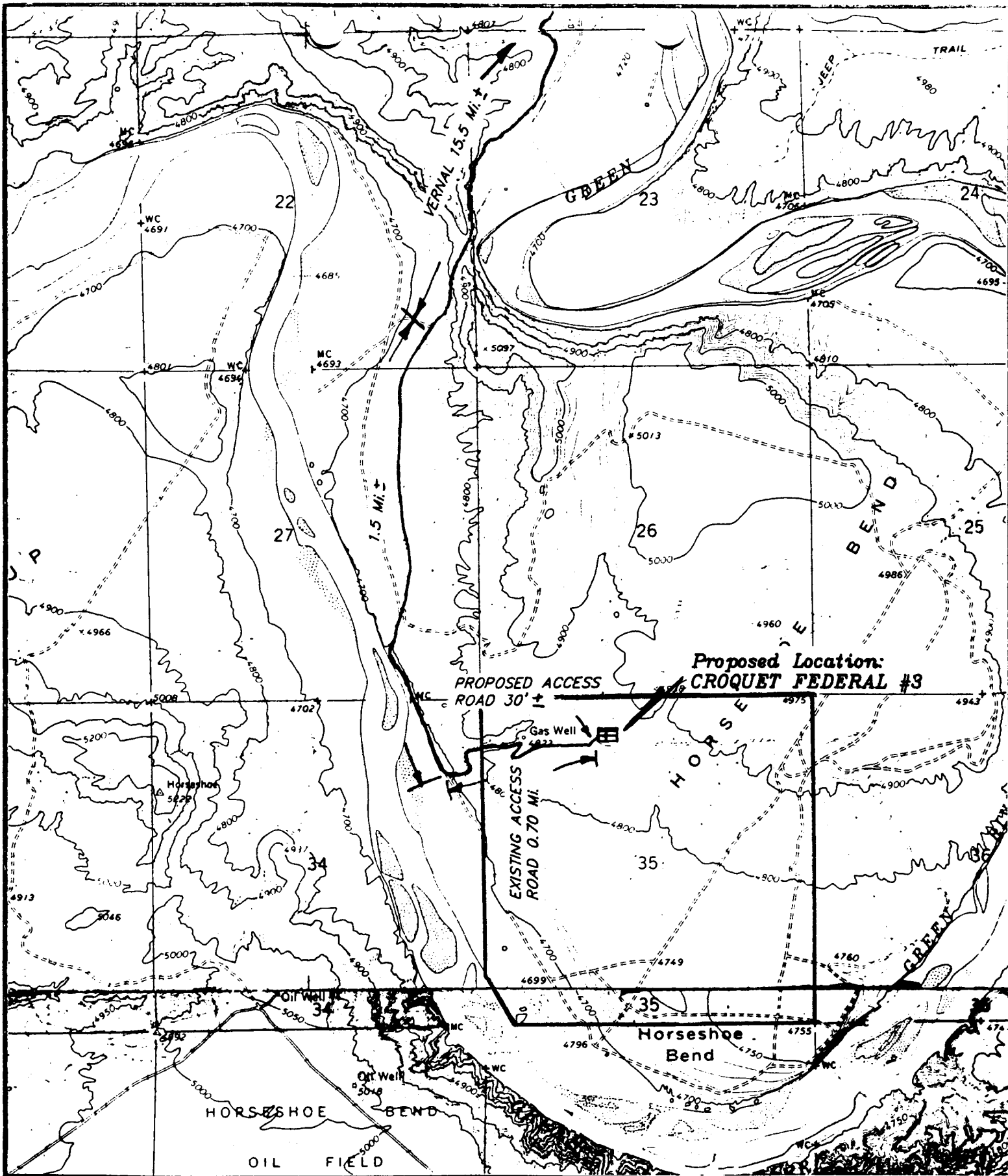
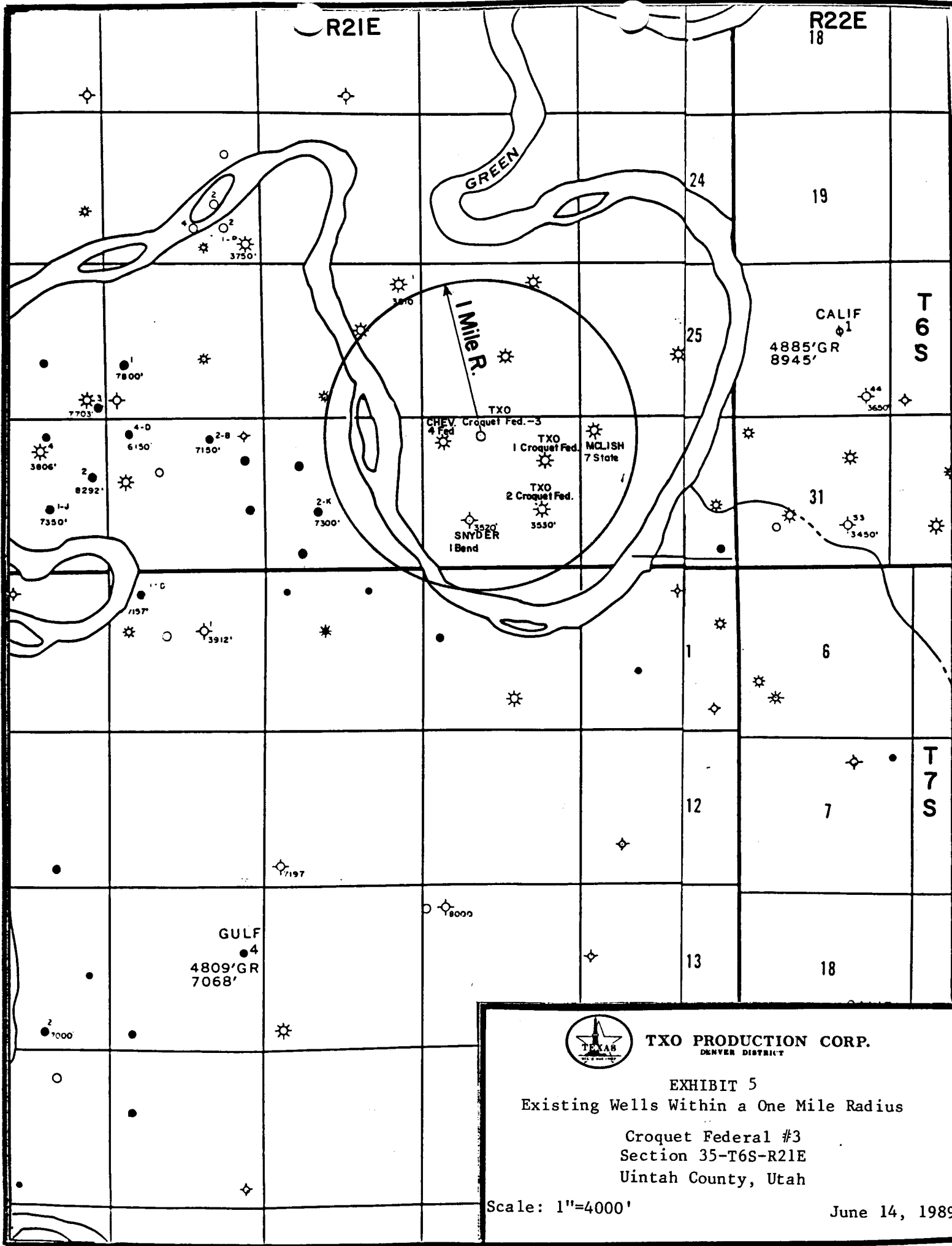


EXHIBIT 4

Access Road and Lease Line

TXO PRODUCTION CORP.

CROQUET FEDERAL #3
SECTION 35, T6S, R21E, S.L.B.&M.



TXO PRODUCTION CORP.
DENVER DISTRICT

EXHIBIT 5
Existing Wells Within a One Mile Radius

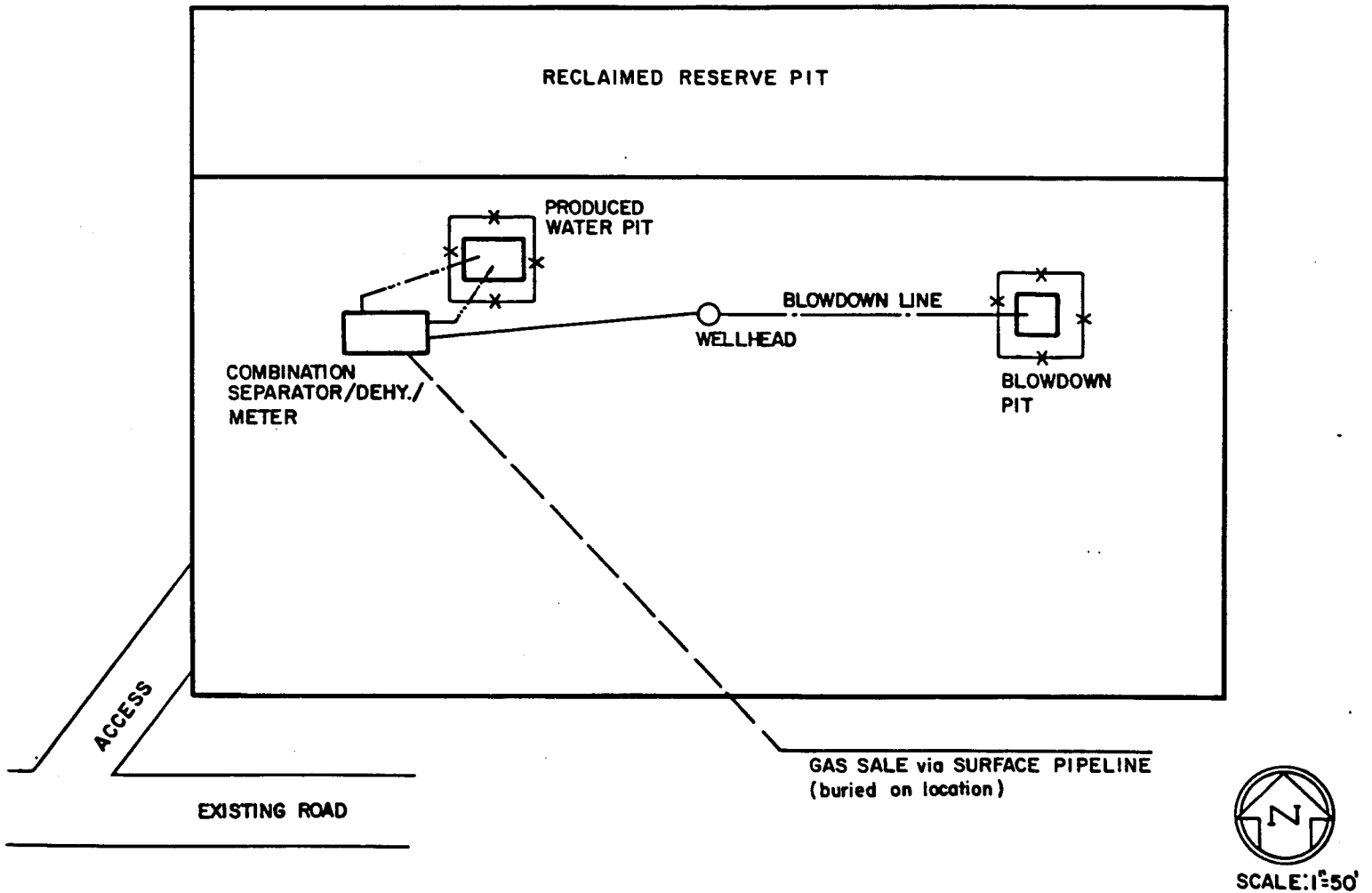
Croquet Federal #3
Section 35-T6S-R21E
Uintah County, Utah

Scale: 1"=4000'

June 14, 1989

EXHIBIT 6
PRODUCTION FACILITIES

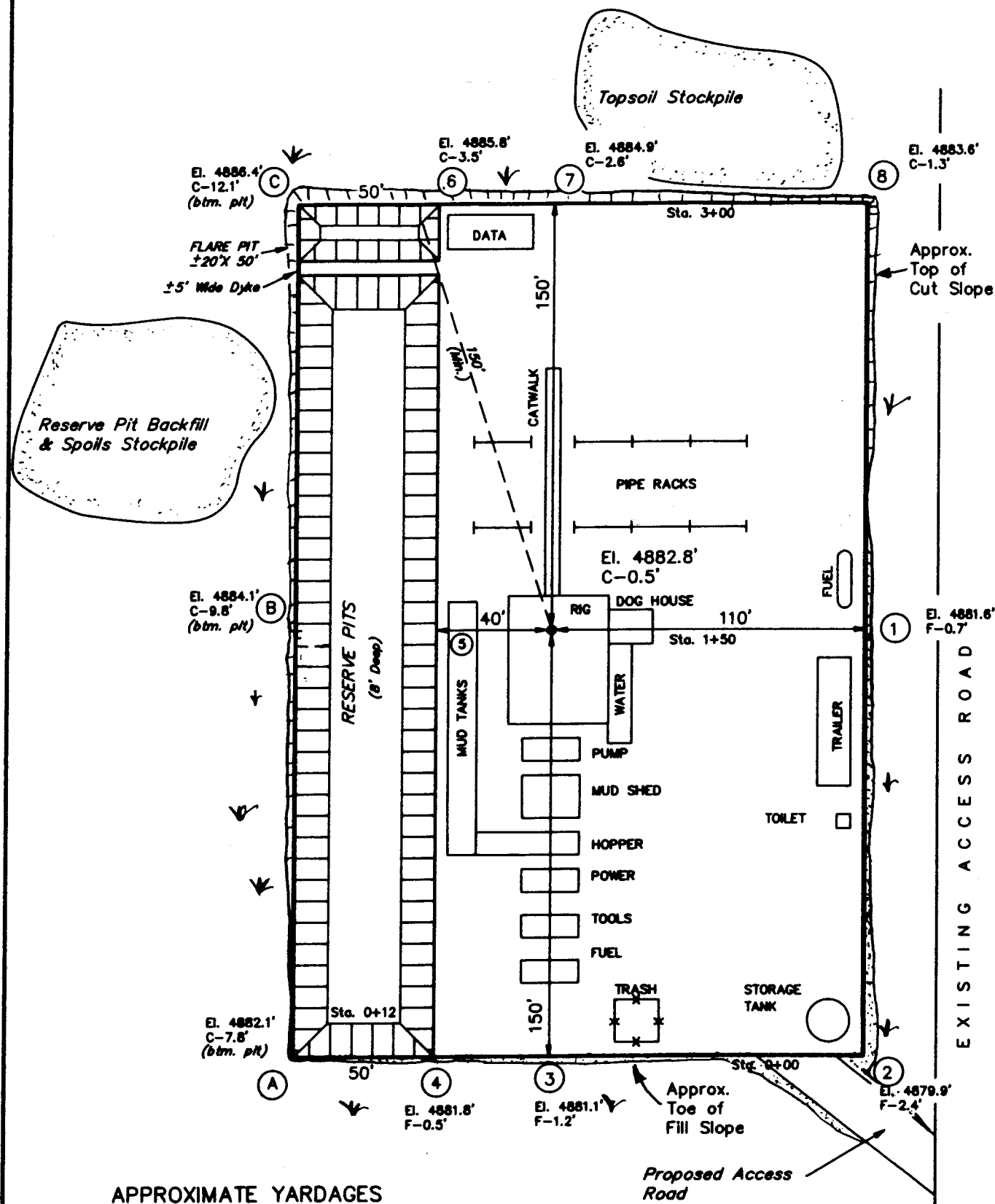
Croquet Federal #3
Section 35-T6S-R21E
Uintah County, Utah



- 1) Pits will be 10' x 10' x 6' deep and will be surrounded by fence.
- 2) Sacrificial magnesium anodes will be used, if necessary, to control corrosion.
- 3) All pipelines will be coated and wrapped, then buried.
- 4) A surface mounted high/low safety shutdown system will be installed.
- 5) The separator will be an ASME coded vessel.

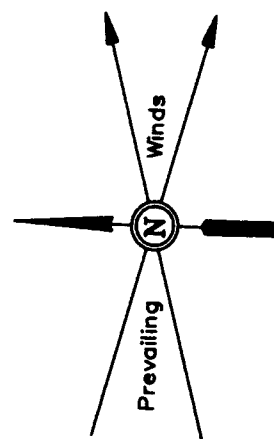
TXO PRODUCTION CORP.
LOCATION LAYOUT FOR
CROQUET FEDERAL #3
SECTION 35, T6S, R21E, S.L.B.&M.

EXHIBIT 7
Cut & Fill Diagram and Pit & Pad Layout



APPROXIMATE YARDAGES

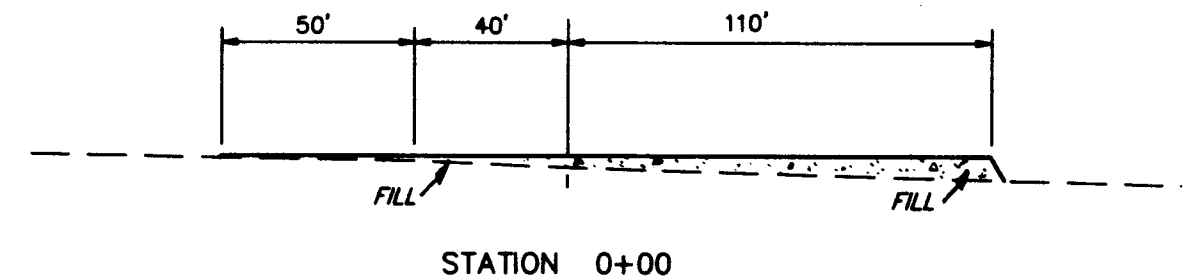
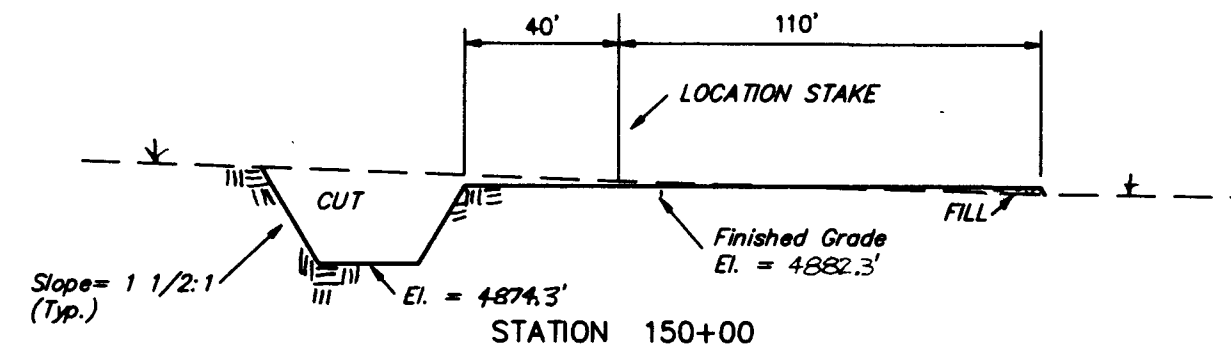
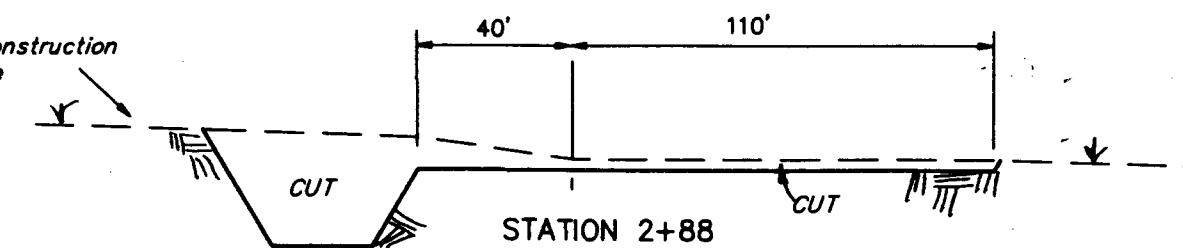
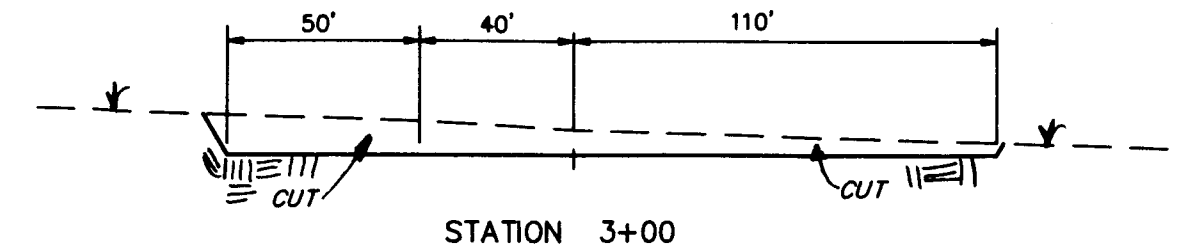
CUT			
(6") Topsoil Stripping	=	1,111 Cu. Yds.	
Pit Volume (Below Grade)	=	3,243 Cu. Yds.	
Remaining Location	=	1,182 Cu. Yds.	
TOTAL CUT	=	5,536 CU.YDS.	
FILL	=	1,597 CU.YDS.	
EXCESS MATERIAL AFTER 5% COMPACTION	=	3,854 Cu. Yds.	
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,732 Cu. Yds.	
EXCESS UNBALANCE (After Rehabilitation)	=	1,123 Cu. Yds.	



SCALE: 1" = 50' Preconstruction
DATE: 6-5-89 Grade

X-Section Scale
1" = 50'

TYP. LOCATION LAYOUT
TYP. CROSS SECTIONS



UINTAH ENGINEERING & LAND SURVEYING
P.O. Box 1768 Vernal, Utah

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES AND ENERGY
IN AND FOR THE STATE OF UTAH

IN THE MATTER OF THE PETITION OF TXO *
PRODUCTION CORPORATION FOR AN ORDER *
ALLOWING TWO PRODUCTION WELLS WITHIN *
ESTABLISHED 320 ACRE SPACING UNITS *
FOR THE UINTA FORMATION IN THE *
HORSESHOE BEND FIELD, UINTAH COUNTY, *
UTAH. *

FINDINGS OF FACT,
CONCLUSIONS OF LAW,
AND ORDER

Docket No. 85-044
Cause No. 145-8

Pursuant to the Petition of TXO Production Corporation, this cause came on for hearing before the Board of Oil, Gas & Mining, Department of Natural Resources and Energy, State of Utah, on Thursday, August 22, 1985, at 10 o'clock a.m. in the Board Room of the Division of Oil, Gas & Mining, 355 West North Temple, 3 Triad Center, Suite 301, Salt Lake City, Utah. The following Board members were present:

Gregory P. Williams, Chairman
James W. Carter
Richard B. Larsen
John M. Garr
E. Steele McIntyre
Charles R. Henderson

The Board was represented by Mark C. Moench, Esq., Assistant Attorney General for the State of Utah.

Appearances for the Division of Oil, Gas & Mining were made by:

Ronald J. Firth, Associate Director,
Oil & Gas

John R. Baza, Petroleum Engineer

The Division was represented by Barbara W. Roberts, Assistant Attorney General for the State of Utah.

The Petitioner, TXO Production Corporation was represented by John A. Harja of Hugh C. Garner & Associates, 310 S. Main Street, Suite 1400, Salt Lake City, Utah 84101.

Testimony was given by:

Ricky J. Taylor; Geologist, for Petitioner
Russ E. Gillis; Petroleum Engineer, for Petitioner
Thomas A. Mitchell; Attorney-at-law, for Petitioner

Mr. Assad M. Raffoul, Petroleum Engineer of the Utah State Office of the Bureau of Land Management was also present.

NOW, THEREFORE, the Board having considered the testimony adduced and the exhibits reviewed in said hearing, and being fully advised in the premises, now makes and enters the following:

FINDINGS OF FACT

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties as required by law and the Rules and Regulations of the Board. Said parties are listed in Exhibit "B" attached to the Petition.

2. The Board has jurisdiction over the subject matter of the Petition and over all parties interested therein and has jurisdiction to make and promulgate the Order hereinafter set forth.

3. The Board entered its Order in Cause No. 145-2 to establish 320 acre spacing units for the Uinta formation within the following lands:

Township 6 South, Range 21 East, S.L.M.
Sections 25-27, 34-36

Township 6 South, Range 22 East, S.L.M.
Sections 28-33

Township 7 South, Range 21 East, S.L.M.
Sections 1-3, 10-12

Township 7 South, Range 22 East, S.L.M.
Sections 4-6, 8-10

These 320 acre drilling units are composed of the N1/2 and S1/2 of each governmental surveyed section.

4. The Order in Cause No. 145-2 further provided that well sites within the units would be located not less than 1000 feet from the North line and 1000 feet from the East line of the Northeast Quarter, and not less than 1000 feet from the South line and 1000 feet from the West line of the Southwest Quarter of each section, except in Section 2, Township 7 South, Range 21 East, S.L.M., and Sections 27 and 34 of Township 6 South, Range 21 East, S.L.M., where the permitted well locations were established as not less than 1000 feet from the North line and 1000 feet from the West line of the Northwest Quarter and not less than 1000 feet from the South line and 1000 feet from the East line of the Southeast Quarter of each such exception section.

5. The Order in Cause No. 145-2 further provided that the Board may by administration make exceptions to the prescribed well

locations in the event topographic and other structural considerations so require.

6. This Board entered its Order in Cause No. 145-3 to extend the provisions of the Order in Cause No. 145-2 to Section 4, Township 7 South, Range 21 East, S.L.M., Uintah County, Utah.

7. This Board entered its Order in Cause No. 145-4 to allow for the drilling of and simultaneous production from two wells in the Uinta formation within each 320 acre spacing drilling unit in Sections 31, 32 and 33 of Township 6 South, Range 22 East, S.L.M.

8. The Order in Cause No. 145-4 restricted the permitted well locations within Sections 31, 32 and 33 to the area not less than 500 feet from the boundaries of each surveyed quarter section.

9. The Order in Cause No. 145-4 provided that the Board may administratively make exceptions to the prescribed well locations in the event topographic and other structural variations so require.

10. This Board entered its Order in Cause No. 145-5 to allow, inter alia, two production wells per 320 acre spacing unit for the Uinta formation within Sections 28, 29, 30 of Township 6 South, Range 22 East, S.L.M. Said Order further provided that the permitted well locations should be located within each quarter Section, no closer than 500 feet from the boundaries of such quarter section, and that exception locations to the prescribed well locations may be granted administratively by the Division of Oil, Gas & Mining in the event topographic conditions so require.

11. This Board entered its Order in Cause No. 145-6 to extend the 320 acre Uinta formation spacing (established by Cause No. 145-2) to Section 32, Township 6 South, Range 21 East, S.L.M. Said Order also provided that exceptions to the prescribed well locations, may be granted administratively, (without Board hearing) in the event topography or other structural reasons so require.

12. The Uinta formation constitutes a common source of supply of gas under the following tracts:

Township 6 South, Range 21 East, S.L.M.
Sections 25-27, 32, 34-36

Township 7 South, Range 21 East, S.L.M.
Sections 1-4, 10-12

Township 7 South, Range 22 East, S.L.M.
Sections 4-6, 8-10

13. One well per each 320 acre drilling/spacing unit previously established on the lands described in paragraph 12 will not effectively, efficiently, or adequately drain the gas within the Uinta formation.

14. Economic evaluation of the proposed wells in the lands described in paragraph 12 indicates that the wells will very probably recover commercial amounts of gas, reach payout and provide a good rate of return to investors.

15. The Board has the authority, pursuant to Section 40-6-6(4) U.C.A. (1953 as amended) to modify previous orders to authorize additional wells on each previously established spacing/drilling unit.

16. To protect the correlative rights of the various interest owners, and to prevent waste, maximize recovery of the natural

resource, and prevent the drilling of unnecessary wells, the Board should enter an Order permitting two (2) wells to be drilled and produce simultaneously within each 320 acre Uinta formation drilling unit on the lands described in paragraph 12 above.

17. The permitted well locations within each 320 acre Uinta formation spacing unit should be within each government surveyed quarter section, one well per quarter section, no closer than 500 feet from the boundaries of each quarter section.

18. The Division of Oil, Gas and Mining, or successor agency, should have the right to administratively approve exceptions to the prescribed well locations if topographical, cultural, geological or other considerations so require.

CONCLUSIONS OF LAW

1. The Board has the authority, pursuant to Section 40-6-6(4) U.C.A. (1953 as amended) to modify previous orders to authorize additional wells on each previously established spacing/drilling unit.

2. An Order permitting (a) the drilling of additional wells on existing units as provided herein, and (b) the simultaneous production of two wells per 320 acre Uinta formation spacing/drilling unit will prevent waste, maximize recovery, prevent the drilling of unnecessary wells, and protect the correlative rights of interest owners.

Sufficient evidence now being available upon which to reach a decision, the Board issues the following:

ORDER

Based upon evidence presented covering the geology, ownership, reservoir characteristics and reserves of natural gas, and to protect correlative rights and maximize the recovery of gas, the Orders issued in Cause Nos. 145-2, 145-3, 145-6, and 145-7 are hereby amended to the extent necessary to authorize the following:

1. Two production wells are allowed per each 320 acre Uinta formation drilling unit on the following lands:

Township 6 South, Range 21 East, S.L.M.
Sections 25-27, 32, 34-36

Township 7 South, Range 21 East, S.L.M.
Sections 1-4, 10-12

Township 7 South, Range 22 East, S.L.M.
Sections 4-6, 8-10

2. The permitted well locations within each 320 acre drilling unit are within each government surveyed quarter section, one well per quarter section, at a point no closer than 500 feet from the boundaries of each quarter section;


3. The Division of Oil, Gas & Mining, or successor agency, may administratively approve exceptions to the prescribed well locations pursuant to Rule C3 of the General Rules and Regulations of the Board (or any duly promulgated replacement rule) if topographical, cultural, geological or other considerations so require;

4. The Board retains exclusive and continuing jurisdiction of all matters covered by this Order and of all parties affected

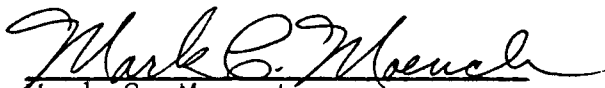
thereby, and particularly reserves exclusive and continuing jurisdiction to make further orders as appropriate and as authorized by statute and regulation.

DATED this 19th day of Sept., 1985.

STATE OF UTAH
BOARD OF OIL, GAS & MINING


Gregory P. Williams, Chairman

Approved as to form:


Mark C. Moench
Assistant Attorney General

CONFIDENTIAL

OPERATOR TXO Prod. Corp. (N1580) DATE 6-26-89
WELL NAME Croquet Federal 3
SEC NENW 35 T 6S R 21E COUNTY Uintah

43-047-31867
API NUMBER

Federal
TYPE OF LEASE

CHECK OFF:

Request correct plat - Rec. 7/3/89

☐

PLAT

☒

BOND

☒

NEAREST
WELL

☒

LEASE

☒

FIELD

☒

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other well within 920' / ok under Cause No. 145-8

Need Water Permit

Cause No. 145-8 is for production from Uinta formation - see TB.

APPROVAL LETTER:

SPACING:

☐

R615-2-3

N/A
UNIT

☐

R615-3-2

☒

145-8 9-19-85
CAUSE NO. & DATE

☐

R615-3-3

STIPULATIONS:

1. Water Permit

CONFIDENTIAL
PERIOD
EXPIRED
ON 12-5-90



Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 7, 1989

TXO Production Corporation
1800 Lincoln Center
Denver, Colorado 80264

Gentlemen:

Re: Croquet Federal 3 - NE NW Sec. 35, T. 6S, R. 21E - Uintah County, Utah
653' FNL, 1994' FWL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 145-8 dated September 19, 1985, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31867.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
D. R. Nielson
J. L. Thompson
WE14/1-2

RECEIVED
JUL 26 1989

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

Application No. 75-5348
TLC+CC

56 63 46

NOTE: The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

OIL, GAS & MINING

Purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☐ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒
2. The name of the applicant is TXO Production Corp. Attn: C.K. Curlee
3. The Post Office address of the applicant is 1800 Lincoln Center Bldg Denver, CO 80264
4. The quantity of water to be appropriated _____ second-feet and/or 20 acre-feet
5. The water is to be used for drilling from 7-5-89 to 7-5-90
(Major Purpose) (Month) (Day) (Month) (Day)
other use period _____ from _____ to _____
(Minor Purpose) (Month) (Day) (Month) (Day)
and stored each year (if stored) from _____ to _____
(Month) (Day) (Month) (Day)
6. The drainage area to which the direct source of supply belongs is _____
(Leave Blank)
7. The direct source of supply is* Green River
(Name of stream or other source)

which is tributary to Colorado River, tributary to _____

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Uintah County, situated at a point*
400' FSL, 200' FWL, SW/4 SW/4 Section 35-T6S-R21E, or 800' FSL, 1500' FEL,
Section 27-T6S-R21E. (Point of diversion used depends on river accessibility.)

(1) N. 400 FT. + E. 200. FROM SW COR SEC 35, (2) N. 800 FT. + W. 1500 FT. FROM SE COR SEC 27, BOTH T6S,

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely. R 21E, SLB+M

9. The diverting and carrying works will consist of Water will be removed from the source by pump and hauled away by truck.
10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____
area inundated in acres _____ legal subdivision of area inundated _____
11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

_____ Total _____ Acres
12. Is the land owned by the applicant? Yes _____ No X If "No," explain on page 2.
13. Is this water to be used supplementally with other water rights? Yes _____ No X
If "yes," identify other water rights on page 2.
14. If application is for power purposes, describe type of plant, size and rated capacity. _____
15. If application is for mining, the water will be used in _____ Mining District at
the _____ mine, where the following ores are mined _____
16. If application is for stockwatering purposes, number and kind of stock watered _____
17. If application is for domestic purposes, number of persons _____, or families _____
18. If application is for municipal purposes, name of municipality _____
19. If application is for other uses, include general description of proposed uses for drilling
two gas wells (Croquet Fed. 3 & 4 and Badminton Fed. #1)
20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. W/2 Section 35-T6S-R21E
21. The use of water as set forth in this application will consume 20 second-feet and/or acre-
feet of water and none second feet and/ or acre feet will be returned to the natural
stream or source at a point described as follows: _____

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

12. The land at the point of diversion is federal, managed by the BLM. TXO will obtain necessary permits for use of any BLM roads.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

C.K. Curlee

C.K. Curlee
Signature of Applicant*
Environmental Manager

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, }
County of..... } ss

On the day of, 19....., personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

STATE ENGINEER'S ENDORSEMENT

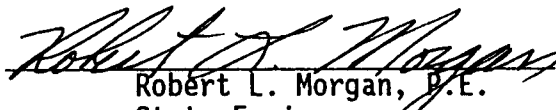
WATER RIGHT NUMBER: 45 - 5368

APPLICATION NO. T64060

1. July 3, 1989 Application received.
 2. July 20, 1989 Application designated for APPROVAL by RWL and KLJ.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated July 25, 1989, subject to prior rights and this application will expire on July 25, 1990.


Robert L. Morgan, P.E.
State Engineer

Form 3160-3
(November 1983)
(formerly 9-331C)SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

B. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

TXO Production Corp. Attn: C.K. Curlee

3. ADDRESS OF OPERATOR

1800 Lincoln Center, Denver, CO 80264

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.)*

At surface

1994' FWL, 653' FNL (NE/NW)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 14.9 miles SW of Naples, Utah

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drg. unit line, if any)

653'

18. NO. OF ACRES IN LEASE

635.15

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

13. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. (Croquet Fed. #1)

Approx. 2300'

19. PROPOSED DEPTH

3650'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, ET, GR, etc.)

4883' G.R.

22. APPROX. DATE WORK WILL START*

August 1, 1989

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	350'	230 sacks
7 7/8"	4 1/2"	10.5#	3800'	250 sacks

All casing will be new K-55. Refer to attached Drilling Plan for program details.

As per Telephone conversation, between
Ed Foresman and Charlie Curlee, BHP
is 1300 psi.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Gary E. Wurdeman

TITLE Dist. Drilling & Prod. Mgr

DATE June 14, 1989

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

ASSISTANT DISTRICT
MANAGER MINERALS

DATE

July 27, 1989

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1201, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations or to any matter within its jurisdiction.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company TXO Productions Co. Well No. Croquet Fed. #3
Location NE/NW Sec. 35 T 6S R 21E Lease No. U-53862

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to the hydrologist of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Until completion of the technical study for the Horseshoe Bend area, the following notice will be placed in APD approvals for Sections 26-28, 33-35, in Township 6 South, Range 21 East, and Sections 2-4, Township 7 South, Range 21 East. (Those Sections Adjacent to Alta 34-E).

Please be advised that the potential exists for abnormal pressure gradients to occur in the lower portion of the Uinta Formation. Borehole intercept depth for this zone is approximately 3260 feet. Therefore, sufficient mud volumes will be on hand to control the overpressure if encountered.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. and individual components shall be operable as designed.

The Vernal District Office shall be notified, with sufficient lead time, in order to have a BLM representative present while pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

Surface casing shall have centralizers on every fourth joint of casing starting with the shoe joint and up to the bottom of the cellar.

Usable water may be encountered at depths of + 100-470 ft., + 700-750 ft. and + 865-1295 ft. in the Duchesne River Formation and from + 3207-3360 ft. and + 3407-3650 ft. in the Uinta formation. Therefore, the resources will be isolated and/or protected via the cementing program for the production casing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the Authorized Officer. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight, unless prior approval is obtained from the Authorized Officer..

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) for the production casing.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Orders, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in Onshore Oil and Gas Order No. 3 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An additional one (1) year approval period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hour approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka
Petroleum Engineer

(801) 781-1190

Ed Forsman
Petroleum Engineer

(801) 789-7077

To be determined by BLM upon completion of the well pad, produced waste water will be confined to the reserve pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production.

If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit.

The flare pit will be located a minimum of 30 feet from the reserve pit fence, and 100 feet from the bore hole on the downwind side of the location, between Points C and #6. All fluids will be removed from the pit within 48 hours of occurrence.

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

— The operator or his contractor shall contact the BLM Office at (801) 789-1362 between 24 and 48 hours prior to construction activities. Contact Ralph Brown or Tim O'Brien.

— The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API NO. 43-047-31867

NAME OF COMPANY: TXO PRODUCTION CORPORATION

WELL NAME: CROQUET FEDERAL 3

SECTION NENW 35 TOWNSHIP 6S RANGE 21E COUNTY UINTAH

DRILLING CONTRACTOR SST SST ENERGY CORPORATION

RIG # 3

SPODDED: DATE 8-09-89

TIME 1:30 P.M.

How ROTARY

DRILLING WILL COMMENCE 8-10-89

REPORTED BY CORY WEST

TELEPHONE # (303)861-4246

DATE AUGUST 10, 1989 SIGNED LCR



TXO PRODUCTION CORPORATION

LEASE : CROQUET FEDERAL

WELL NO. : 3

TEST NO. : 1

DRILL STEM TEST REPORT

HALLIBURTON RESERVOIR SERVICES



A Division of Halliburton Company

CROQUET FEDERAL
LEASE NAME

3
WELL NO.

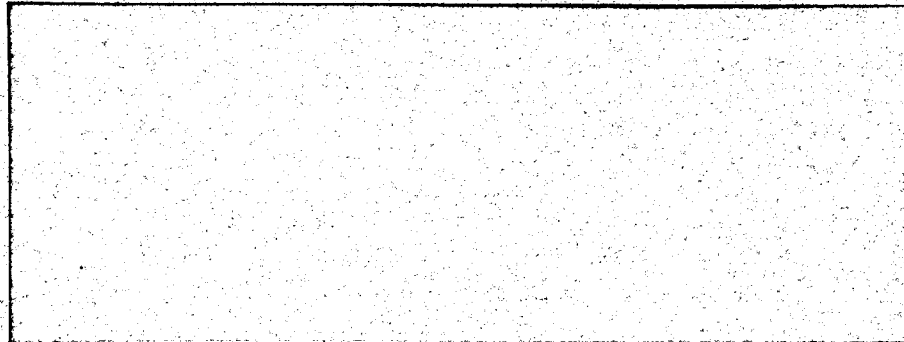
1
TEST NO.

3478.0 - 3504.0
TESTED INTERVAL

TXO PRODUCTION CORPORATION
LEASE OWNER/COMPANY NAME

NOMENCLATURE

B	= Formation Volume Factor	(Res Vol/Std Vol)
C_t	= System Total Compressibility	(Vol/Vol)/psi
DR	= Damage Ratio	
h	= Estimated Net Pay Thickness	Ft



k	= Permeability	md
m	$\left\{ \begin{array}{l} \text{(Liquid) Slope Extrapolated Pressure Plot} \\ \text{(Gas) Slope Extrapolated } m(P) \text{ Plot} \end{array} \right.$	<p>psi/cycle</p> <p>MM psi²/cp/cycle</p>
$m(P^*)$	= Real Gas Potential at P^*	MM psi ² /cp
$m(P_i)$	= Real Gas Potential at P_i	MM psi ² /cp
AOF_1	= Maximum Indicated Absolute Open Flow at Test Conditions	MCFD
AOF_2	= Minimum Indicated Absolute Open Flow at Test Conditions	MCFD
P^*	= Extrapolated Static Pressure	Psig
P_i	= Final Flow Pressure	Psig
Q	= Liquid Production Rate During Test	BPD
Q_i	= Theoretical Liquid Production w/Damage Removed	BPD
Q_g	= Measured Gas Production Rate	MCFD
r_i	= Approximate Radius of Investigation	Ft
r_w	= Radius of Well Bore	Ft
S	= Skin Factor	
t	= Total Flow Time Previous to Closed-in	Minutes
Δt	= Closed-in Time at Data Point	Minutes
T	= Temperature Rankine	°R
ϕ	= Porosity (fraction)	
μ	= Viscosity of Gas or Liquid	cp
Log	= Common Log	

RECEIVED
AUG 28 1989

DIVISION OF
OIL, GAS & MINING

TXO PRODUCTION CORPORATION

LEASE : CROQUET FEDERAL

WELL NO. : 3

TEST NO. : 1

43-047-31867

TICKET NO. 65034600
23-AUG-89
VERNAL

CONFIDENTIAL

CROQUET FEDERAL		WELL NO. 3		TEST NO. 1		3478.0 - 3504.0		TXO PRODUCTION CORPORATION	
LEASE NAME						TESTED INTERVAL		LEASE OWNER/COMPANY NAME	
LEGAL LOCATION		35-63-21E		FIELD AREA		HORSESHOE BEND		COUNTY	
SEC. - TWP. - RANG.								UNIT 104	
								STATE	
								UTAH DR	

B

E

C

F

D

G

A

H

650346-4426

GAUGE NO : 4426 DEPTH : 3456.0 BLANKED OFF : NO HOUR OF CLOCK : 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1769	1777.4			
B	INITIAL FIRST FLOW	543	425.1	30.0	29.2	F
C	FINAL FIRST FLOW	949	942.8			
C	INITIAL FIRST CLOSED-IN	949	942.8	60.0	60.3	C
D	FINAL FIRST CLOSED-IN	1126	1132.1			
E	INITIAL SECOND FLOW	598	597.3	60.0	59.4	F
F	FINAL SECOND FLOW	893	904.7			
F	INITIAL SECOND CLOSED-IN	893	904.7	120.0	121.1	C
G	FINAL SECOND CLOSED-IN	1126	1135.0			
H	FINAL HYDROSTATIC	1769	1728.2			

A
B
C
D
E
F
G
H

650346-649

GAUGE NO: 649 DEPTH: 3501.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1799	1787.9			
B	INITIAL FIRST FLOW	558	564.4	30.0	29.2	F
C	FINAL FIRST FLOW	955	956.4			
C	INITIAL FIRST CLOSED-IN	955	956.4	60.0	60.3	C
D	FINAL FIRST CLOSED-IN	1150	1148.3			
E	INITIAL SECOND FLOW	638	586.5	60.0	59.4	F
F	FINAL SECOND FLOW	902	912.0			
F	INITIAL SECOND CLOSED-IN	902	912.0	120.0	121.1	C
G	FINAL SECOND CLOSED-IN	1141	1136.8			
H	FINAL HYDROSTATIC	1799	1750.4			

EQUIPMENT & HOLE DATA

FORMATION TESTED: UINTAH "B"

NET PAY (ft): 12.0

GROSS TESTED FOOTAGE: 26.0

ALL DEPTHS MEASURED FROM: KELLY BUSHING

CASING PERFS. (ft):

HOLE OR CASING SIZE (in): 7.875

ELEVATION (ft): 4883.0 GROUND LEVEL

TOTAL DEPTH (ft): 3504.0

PACKER DEPTH(S) (ft): 3471. 3478

FINAL SURFACE CHOKE (in): 0.25000

BOTTOM HOLE CHOKE (in): 0.750

MUD WEIGHT (lb/gal): 9.30

MUD VISCOSITY (sec): 45

ESTIMATED HOLE TEMP. (°F):

ACTUAL HOLE TEMP. (°F): 96 @ 3500.0 ft

TICKET NUMBER: 65034600

DATE: 8-18-89 TEST NO: 1

TYPE DST: OPEN HOLE

FIELD CAMP:
VERNAL

TESTER: RANDY RIPPLE

WITNESS: DAVID CRAIG

DRILLING CONTRACTOR:
SST #3FLUID PROPERTIES FOR
RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
MUD PIT	5.000 @ 68 °F	666 ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm

SAMPLER DATA

P_{sig} AT SURFACE: 920.0
 cu.ft. OF GAS: 6.090
 cc OF OIL: _____
 cc OF WATER: _____
 cc OF MUD: _____
 TOTAL LIQUID cc: _____

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED:

NO FLUID IN DRILL COLLAR OR SAMPLE CHAMBER

MEASURED FROM
TESTER VALVE

REMARKS:

TICKET NO: 65034600

CLOCK NO: 4203 HOUR: 12

GAUGE NO: 4426

DEPTH: 3456.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta}{t + \Delta}$	$\log \frac{t + \Delta}{\Delta}$
FIRST FLOW					
B 1	0.0	425.1			
2	3.0	706.6	281.5		
3	6.0	860.5	153.9		
4	9.0	926.5	66.0		
5	11.9	943.7	17.2		
6	15.0	949.0	5.3		
7	18.0	949.0	0.0		
8	21.0	948.1	-0.8		
9	24.0	946.4	-1.8		
10	27.0	944.2	-2.1		
C 11	29.2	942.8	-1.5		
FIRST CLOSED-IN					
C 1	0.0	942.8			
2	1.0	1116.7	174.0	0.9	1.489
3	2.0	1124.2	181.4	1.8	1.201
4	3.0	1127.0	184.2	2.7	1.031
5	4.0	1128.1	185.3	3.6	0.915
6	5.0	1128.8	186.1	4.3	0.835
7	6.0	1128.9	186.2	5.0	0.770
8	7.0	1129.8	187.0	5.6	0.716
9	8.0	1129.8	187.0	6.3	0.667
10	9.0	1129.8	187.0	6.9	0.628
11	10.0	1130.3	187.6	7.5	0.593
12	12.0	1130.2	187.5	8.5	0.536
13	14.0	1131.1	188.3	9.4	0.491
14	16.0	1131.1	188.3	10.3	0.451
15	18.0	1131.1	188.3	11.1	0.419
16	20.0	1131.1	188.3	11.9	0.391
17	22.0	1131.5	188.8	12.6	0.367
18	24.0	1131.5	188.8	13.2	0.346
19	26.0	1131.5	188.8	13.8	0.327
20	28.0	1131.5	188.8	14.3	0.311
21	30.0	1131.5	188.8	14.8	0.295
22	35.0	1132.0	189.3	15.9	0.264
23	40.0	1132.0	189.3	16.9	0.238
24	45.0	1132.0	189.3	17.7	0.217
25	50.0	1132.0	189.3	18.4	0.200
26	55.0	1132.0	189.3	19.1	0.185
D 27	60.3	1132.1	189.4	19.7	0.172
SECOND FLOW					
E 1	0.0	597.3			
2	5.0	794.8	197.5		
3	10.0	911.0	116.1		
4	15.0	923.3	12.3		
5	20.0	924.7	1.4		
6	25.0	923.4	-1.3		

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta}{t + \Delta}$	$\log \frac{t + \Delta}{\Delta}$
SECOND FLOW - CONTINUED					
7	30.0	921.4	-2.0		
8	35.0	918.0	-3.3		
9	40.0	915.3	-2.7		
10	45.0	912.6	-2.7		
11	50.0	909.3	-3.3		
12	55.0	907.0	-2.3		
F 13	59.4	904.7	-2.3		
SECOND CLOSED-IN					
F 1	0.0	904.7			
2	1.0	1115.3	210.6	1.0	1.953
3	2.0	1121.4	216.7	1.9	1.663
4	3.0	1124.5	219.9	2.9	1.489
5	4.0	1126.5	221.8	3.8	1.365
6	5.1	1128.1	223.4	4.8	1.268
7	6.0	1128.1	223.4	5.6	1.198
8	7.0	1129.3	224.6	6.5	1.137
9	8.0	1129.8	225.1	7.4	1.081
10	9.0	1129.8	225.1	8.2	1.034
11	10.0	1129.9	225.2	9.0	0.994
12	12.0	1130.7	226.0	10.5	0.925
13	14.0	1130.7	226.0	12.1	0.867
14	16.0	1130.7	226.0	13.5	0.816
15	18.0	1131.4	226.7	15.0	0.772
16	20.0	1131.4	226.7	16.3	0.735
17	22.0	1131.4	226.7	17.6	0.702
18	24.0	1131.4	226.7	18.9	0.672
19	26.0	1131.7	227.1	20.1	0.644
20	28.0	1131.7	227.1	21.3	0.619
21	30.0	1131.7	227.1	22.4	0.597
22	35.0	1132.6	227.9	25.1	0.548
23	40.0	1132.6	227.9	27.6	0.507
24	45.0	1132.6	227.9	29.9	0.473
25	50.0	1132.6	227.9	32.0	0.443
26	55.0	1133.0	228.4	33.9	0.417
27	60.0	1133.0	228.4	35.8	0.394
28	70.0	1133.0	228.4	39.1	0.355
29	80.0	1133.0	228.4	42.0	0.324
30	90.0	1133.0	228.4	44.7	0.298
31	100.0	1133.6	228.9	47.0	0.276
32	110.0	1133.6	228.9	49.1	0.257
G 33	121.1	1135.0	230.3	51.2	0.239

REMARKS:

TICKET NO: 65034600

CLOCK NO: 2797 HOUR: 12

GAUGE NO: 649
















DEPTH: 3501.0

REF	MINUTES	PRESSURE	AP	$\frac{2x \Delta}{t + \Delta}$	$\log \frac{t + \Delta}{\Delta}$
FIRST FLOW					
B 1	0.0	564.4			
2	3.0	720.4	156.0		
3	6.0	867.4	147.0		
4	9.0	944.9	77.5		
5	12.0	962.3	17.4		
6	15.0	967.1	4.8		
7	18.0	967.1	0.0		
8	21.0	961.8	-5.3		
9	24.0	961.8	0.0		
10	27.0	957.1	-4.7		
C 11	29.2	956.4	-0.7		
FIRST CLOSED-IN					
C 1	0.0	956.4			
2	1.0	1124.9	168.5	0.9	1.500
3	2.0	1134.5	178.1	1.8	1.200
4	3.0	1137.1	180.7	2.7	1.031
5	4.0	1138.5	182.1	3.5	0.920
6	5.0	1139.4	183.0	4.3	0.836
7	6.0	1139.7	183.3	4.9	0.772
8	7.0	1139.7	183.3	5.6	0.716
9	8.0	1140.0	183.6	6.3	0.667
10	9.0	1140.0	183.6	6.9	0.627
11	10.0	1140.4	184.0	7.5	0.592
12	12.0	1141.3	184.9	8.5	0.537
13	14.0	1142.6	186.2	9.5	0.489
14	16.0	1143.7	187.3	10.3	0.452
15	18.0	1144.4	188.0	11.1	0.419
16	20.0	1144.9	188.5	11.9	0.391
17	22.0	1146.1	189.7	12.6	0.367
18	24.0	1146.4	190.0	13.2	0.346
19	26.0	1147.1	190.7	13.8	0.327
20	28.0	1148.4	192.0	14.3	0.311
21	30.0	1148.4	192.0	14.8	0.295
22	35.0	1148.4	192.0	15.9	0.264
23	40.0	1149.1	192.7	16.9	0.238
24	45.0	1149.8	193.4	17.7	0.217
25	50.0	1149.1	192.7	18.4	0.200
26	55.0	1148.3	191.9	19.1	0.185
D 27	60.3	1148.3	191.9	19.7	0.172
SECOND FLOW					
E 1	0.0	586.5			
2	5.0	818.6	232.0		
3	10.0	923.2	104.6		
4	15.0	933.0	9.8		
5	20.0	933.7	0.7		
6	25.0	933.3	-0.4		

REF	MINUTES	PRESSURE	AP	$\frac{2x \Delta}{t + \Delta}$	$\log \frac{t + \Delta}{\Delta}$
SECOND FLOW - CONTINUED					
7	30.0	931.1	-2.2		
8	35.0	929.1	-1.9		
9	40.0	925.8	-3.3		
10	45.0	922.6	-3.3		
11	50.0	918.2	-4.3		
12	55.0	913.8	-4.4		
F 13	59.4	912.0	-1.9		
SECOND CLOSED-IN					
F 1	0.0	912.0			
2	1.0	1115.1	203.1	1.0	1.946
3	2.0	1127.0	215.0	2.0	1.647
4	3.0	1130.6	218.7	2.9	1.481
5	4.0	1132.0	220.0	3.8	1.363
6	5.0	1132.9	221.0	4.8	1.270
7	6.0	1133.7	221.8	5.6	1.201
8	7.0	1134.2	222.2	6.5	1.137
9	8.0	1135.0	223.0	7.3	1.084
10	9.0	1135.0	223.0	8.2	1.036
11	10.0	1135.4	223.4	9.0	0.995
12	12.0	1135.5	223.5	10.6	0.923
13	14.0	1135.9	223.9	12.1	0.865
14	16.0	1136.2	224.2	13.6	0.815
15	18.0	1136.4	224.4	14.9	0.773
16	20.0	1136.3	224.3	16.3	0.735
17	22.0	1136.4	224.4	17.6	0.702
18	24.0	1136.4	224.4	18.9	0.672
19	26.0	1136.4	224.4	20.1	0.645
20	28.0	1136.7	224.8	21.3	0.620
21	30.0	1136.7	224.8	22.4	0.598
22	35.0	1136.7	224.8	25.1	0.548
23	40.0	1136.7	224.8	27.6	0.507
24	45.0	1136.7	224.8	29.8	0.473
25	50.0	1136.7	224.8	32.0	0.443
26	55.0	1136.7	224.8	34.0	0.417
27	60.0	1136.7	224.8	35.8	0.394
28	70.0	1136.7	224.8	39.1	0.355
29	80.0	1136.7	224.8	42.1	0.324
30	90.0	1136.7	224.8	44.7	0.298
31	100.0	1136.7	224.8	47.0	0.276
32	110.0	1136.8	224.9	49.1	0.257
G 33	121.1	1136.8	224.9	51.2	0.239

REMARKS:

TICKET NO. 65034600

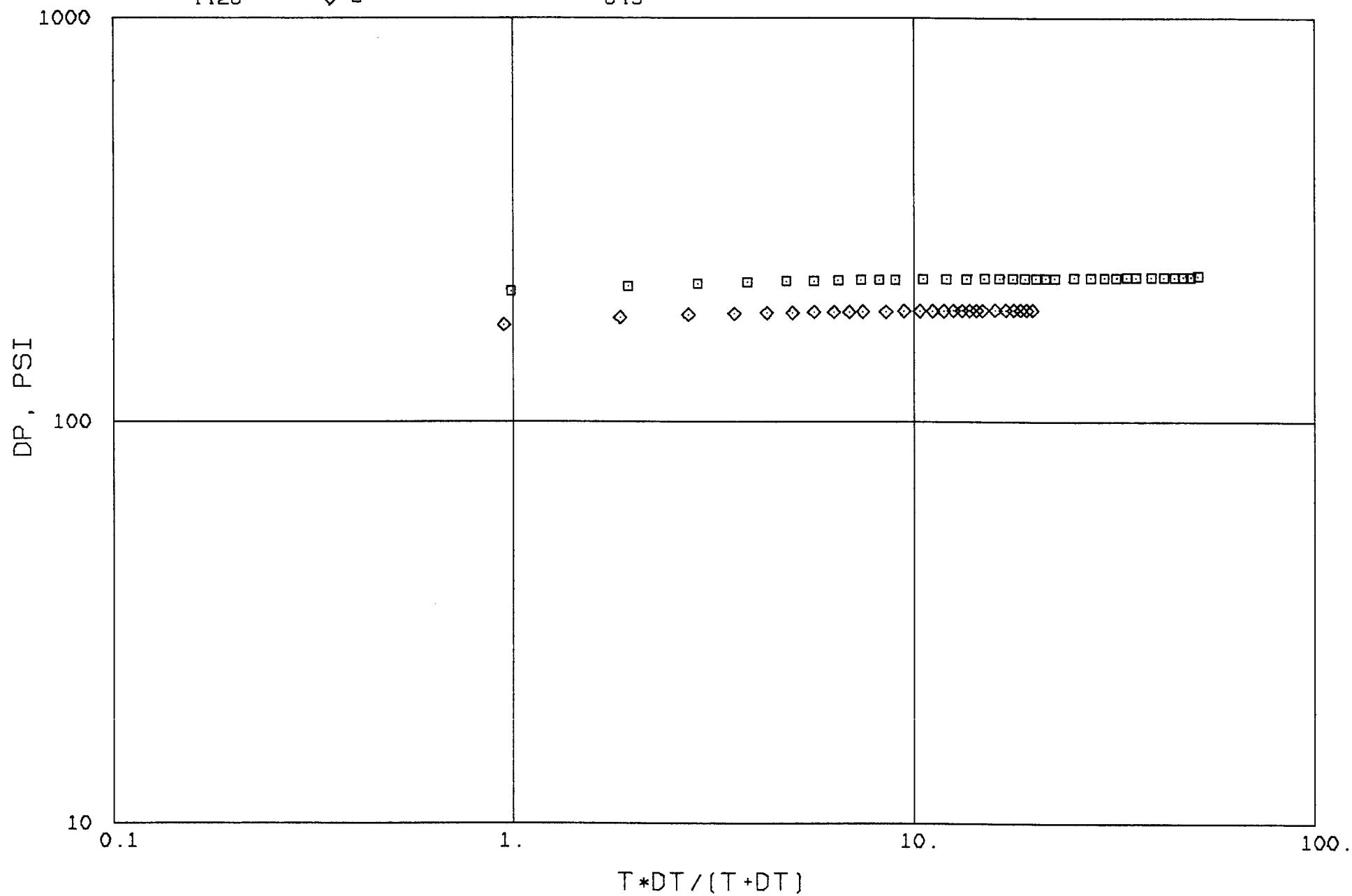
		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	2875.0	
5		CROSSOVER.....	6.500	2.250	1.7	
3		DRILL COLLARS.....	6.500	2.375	494.8	
50		IMPACT REVERSING SUB.....	6.500	2.875	1.0	3350.5
3		DRILL COLLARS.....	6.500	2.375	91.1	
5		CROSSOVER.....	5.750	2.250	1.0	
13		DUAL CIP SAMPLER.....	5.000	0.750	7.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	3454.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	3456.0
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	7.000	1.530	5.8	3471.0
70		OPEN HOLE PACKER.....	7.000	1.530	7.4	3478.0
20		FLUSH JOINT ANCHOR.....	5.750	3.500	20.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.1	3501.0
TOTAL DEPTH					3504.0	

EQUIPMENT DATA

TICKET NO 65034600

GAUGE NO CIP 1 2
4426 ◇ □

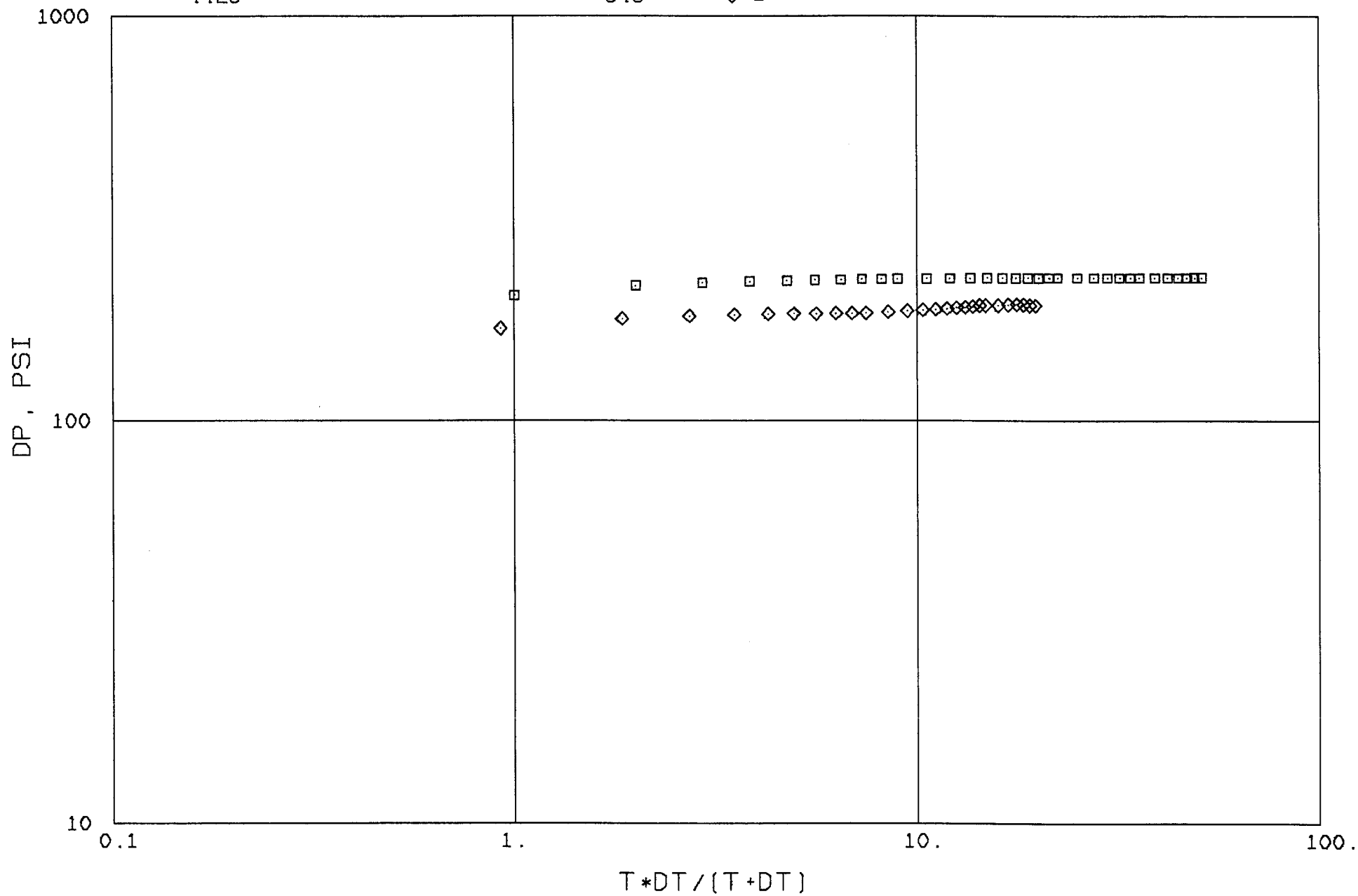
GAUGE NO CIP 1 2
649 ◇ □



TICKET NO 65034600

GAUGE NO CIP 1 2
4426

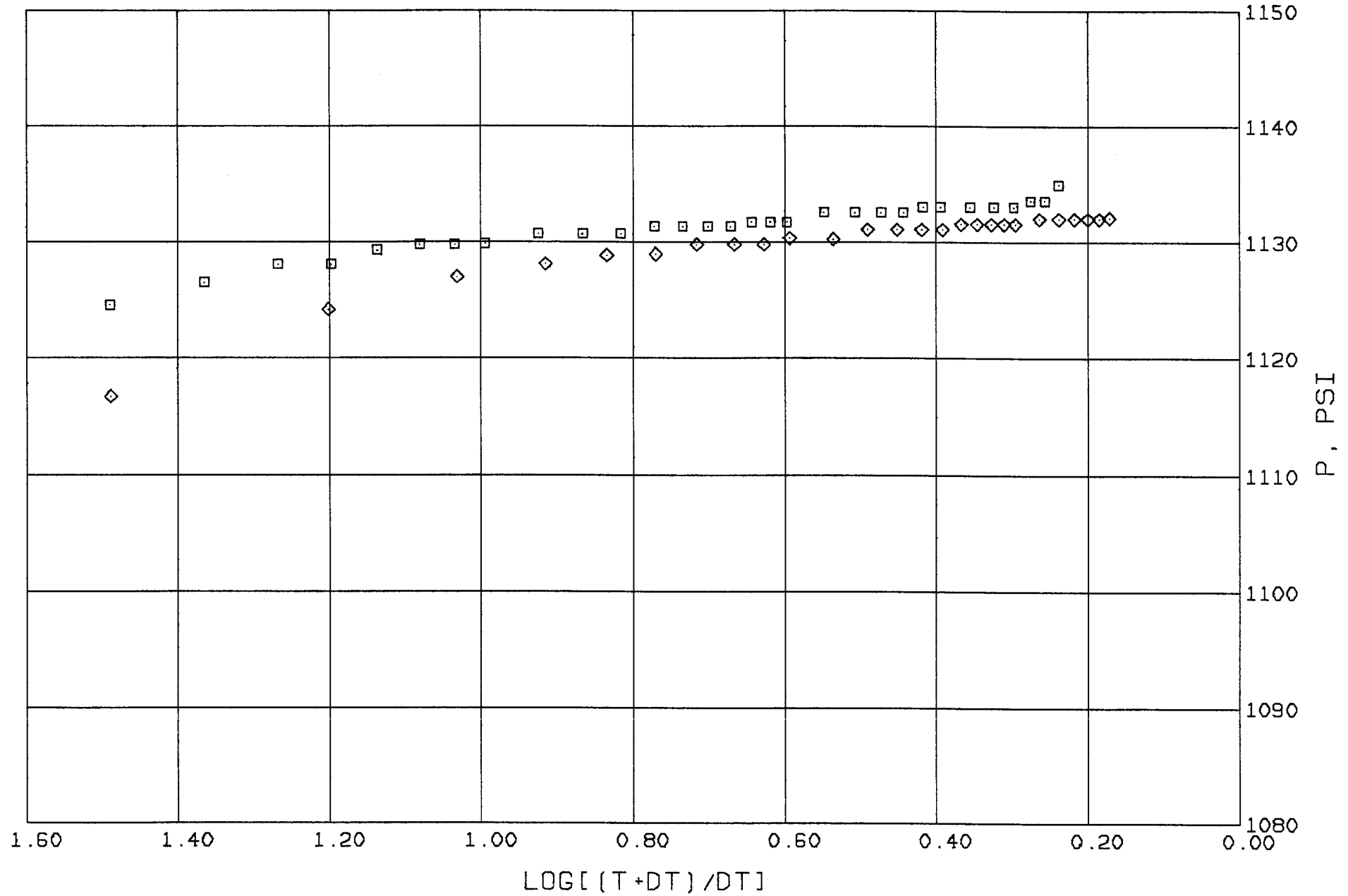
GAUGE NO CIP 1 2
649 \diamond \square



TICKET NO 65034600

GAUGE NO CIP 1 2
4426 ◇ □

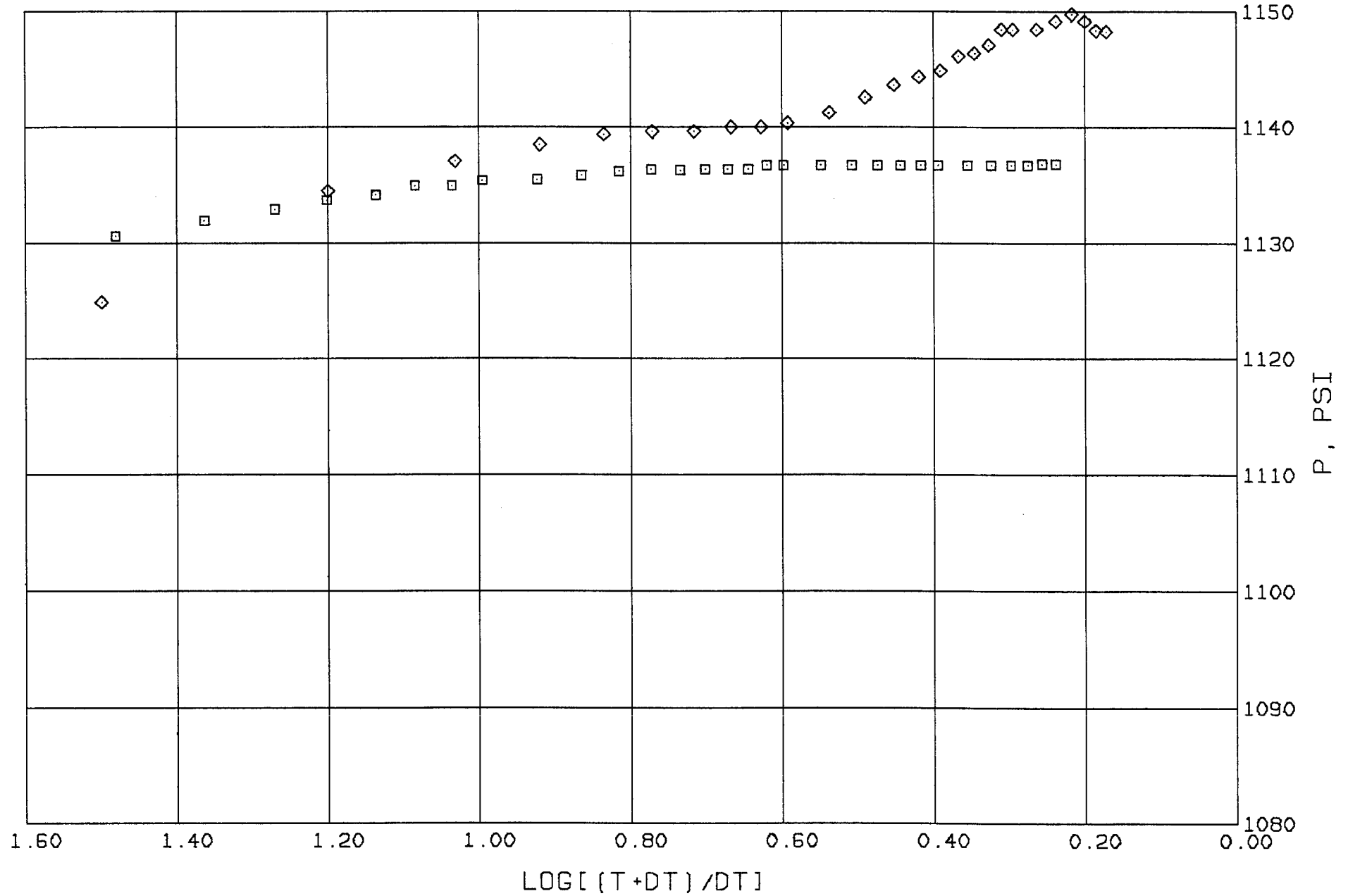
GAUGE NO CIP 1 2
649 ◇ □



TICKET NO 65034600

GAUGE NO CIP 1 2
4426

GAUGE NO CIP 1 2
649 \diamond \square



EQUATIONS FOR DST LIQUID WELL ANALYSIS

Transmissibility	$\frac{kh}{\mu} = \frac{162.6 Q_B}{m}$	$\frac{\text{md-ft}}{\text{cp}}$
Indicated Flow Capacity	$kh = \frac{kh}{\mu} \mu$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Skin Factor	$S = 1.151 \left[\frac{P^* - P_i}{m} - \text{LOG} \left(\frac{k (t/60)}{\phi \mu c_i r_w^2} \right) + 3.23 \right]$	
Damage Ratio	$DR = \frac{P^* - P_i}{P^* - P_i - 0.87 mS}$	
Theoretical Potential w/Damage Removed	$Q_i = Q DR$	BPD
Approx. Radius of Investigation	$r_i = 0.032 \sqrt{\frac{k (t/60)}{\phi \mu c_i}}$	ft

EQUATIONS FOR DST GAS WELL ANALYSIS

Indicated Flow Capacity	$kh = \frac{.001637 Q_g T}{m}$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Skin Factor	$S = 1.151 \left[\frac{m(P^*) - m(P_i)}{m} - \text{LOG} \left(\frac{k (t/60)}{\phi \mu c_i r_w^2} \right) + 3.23 \right]$	
Damage Ratio	$DR = \frac{m(P^*) - m(P_i)}{m(P^*) - m(P_i) - 0.87 mS}$	
Indicated Flow Rate (Maximum)	$AOF_1 = \frac{Q_g m(P^*)}{m(P^*) - m(P_i)}$	MCFD
Indicated Flow Rate (Minimum)	$AOF_2 = Q_g \sqrt{\frac{m(P^*)}{m(P^*) - m(P_i)}}$	MCFD
Approx. Radius of Investigation	$r_i = 0.032 \sqrt{\frac{k (t/60)}{\phi \mu c_i}}$	ft

Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HRS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by HRS. HRS personnel will use their best efforts in gathering such information and their best judgment in interpreting it but customer agrees that HRS shall not be responsible for any damages arising from the use of such information except where due to HRS gross negligence or willful misconduct in the preparation of furnishing of information.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

RECEIVED
SEP 19 1989

OPERATOR TXO Production Corp.
ADDRESS 1660 Lincoln St., Suite 1800
Denver, CO 80264

OPERATOR ACCT. NO. N 1580

DIVISION OF

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11013	43-047-31867	Croquet Federal #3	NE/NW	35	6S	21E	Uintah	8-9-89	9-13-89

WELL 1 COMMENTS: TXO Production Corp. spudded the Croquet Federal #3, located 1994' FWL and 653' FNL of Sec 35-T6S-R21E in Uintah County, Utah @ 1:30 p.m. on 8-9-89. 12 1/4" hole was drilled to 370' in which 8 5/8" csg was set @ 360' and cemented with 200 sxs cmt.

CONFIDENTIAL

WELL 2 COMMENTS: Federal-Lease
Field-Horseshoe Bend
Unit- N/A
Proposed Zone GRV - Completed Unta
(Entity added 9-26-89)

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Signature Cory West
Title Petroleum Engineer Date 9-13-89
Phone No. (303) 861-4246

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED
SEP 20 1989

DIVISION OF
OIL, GAS & MINING

September 15, 1989

State of Utah
Dept. of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: Bridle Federal #4
Croquet Federal #3
Croquet Federal #4

Dear Sirs:

Please find attached Form 9-330 on the above referenced wells recently drilled and completed in the Horseshoe Bend Field, Uintah County, Utah. It is respectfully requested to keep all information CONFIDENTIAL.

Please call me if there are any questions or concerns.

Sincerely,

TXO PRODUCTION CORP.



Cory West
Petroleum Engineer

CW/jp



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. U-53862											
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME											
2. NAME OF OPERATOR TXO Production Corp.				UNIT AGREEMENT NAME											
3. ADDRESS OF OPERATOR 1660 Lincoln St., Suite 1800, Denver, CO 80264				FARM OR LEASE NAME Croquet Federal											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1994' FWL & 653 FNL At top prod. interval reported below Same as above At total depth Same as above				9. WELL NO. #3											
14. PERMIT NO. 43-047-31867				10. FIELD AND POOL, OR WILDCAT Horseshoe Bend											
DATE ISSUED 7-07-89				11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec 35-T6S-R21E											
15. DATE SPURRED 8-09-89		16. DATE T.D. REACHED 8-20-89		17. DATE COMPL. (Ready to prod.) 9-05-89		12. COUNTY OR PARISH Uintah		13. STATE Utah							
18. ELEVATIONS (DF, RES, BT, OR, ETC.)* 4883 GR, 4897 KB		19. ELEV. CASING HEAD ±4886'		20. TOTAL DEPTH, MD & TVD 3705		21. PLUG, BACK T.D., MD & TVD 3620'		22. IF MULTIPLE COMPL., HOW MANY*							
23. INTERVALS DRILLED BY Rotary Tools		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Uintah "B" 3491' - 3595'		25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Focused Log/Gamma Ray-SP Compensated Densilog/Compensated Neutron		27. WAS WELL CORED NO							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8 5/8"		24.0		360		12 1/4"		125 sxs 50/50 poz+175 sxs		G"					
4 1/2"		10.5		3703		7 7/8"		350 sxs "G"							
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2 3/8"		3591'			
31. PERFORATION RECORD (Interval, size and number) Uintah "B" 3491-3 - 2' - 4 JSPF - 9 holes 3504-7 - 3' - 4 JSPF - 13 holes 3541-3 - 2' - 4 JSPF - 9 holes 3561-3 - 2' - 4 JSPF - 9 holes 3591-5 - 4' - 4 JSPF - 17 holes										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) All Perfs AMOUNT AND KIND OF MATERIAL USED Naturally complete with tubing conveyed perforating gun.					
33. PRODUCTION DATE FIRST PRODUCTION SIWOPL DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-APF (CORR.)										WELL STATUS (Producing or shut-in)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well is currently shut-in waiting on connection to sales line.										TEST WITNESSED BY					
35. LIST OF ATTACHMENTS You should have copies of all required logs, tests and reports.										36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					

SIGNED

Craig West
Corp. West

TITLE

Petroleum Engineer

DATE

9-15-89

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Item 1: If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Seal's Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 32: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Uintah "B"	3259 (+1638)		Sands and shales $\pm 40\% / \pm 60\%$
DST #1	Uintah	3478-3504"	IHP - 1799# IFP/30" - 558-995# GA 1.34 MMCF ISIP/60" - 1150# FFP/60" - 638# - 902# GA 1.281 MMCF FSIP/120" - 1140# FHP - 1799# BHT = 96° F

NAME		TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH
DRN	RJF		
JRB	GLH		
DIS	SLS		
OIL AND GAS		MICROFILM	
FILE		L-TAS	

Confidential

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

October 12, 1989

RECEIVED
OCT 16 1989

DIVISION OF
OIL, GAS & MINING

Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Croquet Federal #3
NE/NW Section 35-T6S-R21E
Uintah County, Utah
API No. 43-047-31867

Gentlemen:

TXO Production Corp. requests approval to dispose of produced water into unlined pits at the referenced well location pursuant to the requirement of R615-9-3. Information pertinent to this request follows.

The Croquet Federal #3 is completed in the Uinta "B" Formation between the depths of 3491' and 3595'. Water from this formation, produced in association with the natural gas, will be discharged into two pits on location - a produced water pit and a blowdown pit. Two pits are required for efficient operations at this well. The produced water pit will be located adjacent to the production unit and will contain small discharges of water. The blowdown pit will be some distance away from both the wellhead and the production unit and will contain limited fluid from occasional high pressure discharges. The combined volume of water from these two discharges will not exceed 5 barrels per day on a monthly basis.

If you have any questions or need additional information, please contact me at this office.

Very truly yours, **Accepted by the State**
of Utah Division of
Oil, Gas and Mining
TXO PRODUCTION CORP. **Date:** 12/17/89
Charles K. Curlee **By:** [Signature]
Charles K. Curlee
Environmental Manager

OIL AND GAS	
ORN	RJF
JRB	GLH
DTS	SLS
2-TAS	
MICROFILM	
FILE	

CKC/gbp

CONFIDENTIAL

Federal Approval of this
Action is Necessary

A SUBSIDIARY OF **EXAS**
OIL & GAS CORP

RECEIVED
JAN 24 1991



**Marathon
Oil Company**

P.O. Box 2690
Cody, Wyoming 82414
Telephone 307/587-4961

DIVISION OF
OIL, GAS & MINING

DRJ
-a R Futh

January 22, 1991

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

UTAH DIVISION OF OIL, GAS & MINING
3 Triad Center, Ste. 350
Salt Lake City, UT 84180-1203
Attention: State Director

Re: The Merger of TXO Production Corp. into
Marathon Oil Company

Gentlemen:

As Marathon Oil Company advised in its October 8, 1990 letter, TXO Production Corp., a Delaware corporation ("TXO") was being merged into Marathon Oil Company, an Ohio corporation ("Marathon"), on or before January 1, 1991. As stated in the October letter, before this merger, both TXO and Marathon were subsidiaries of USX Corporation.

Effective January 1, 1991, TXO was merged into Marathon, with Marathon becoming the surviving corporation, as evidenced by the enclosed Certificate of Merger signed by the Secretary of State for the State of Ohio. Due to this statutory merger, by operation of law, Marathon, as the surviving entity, has succeeded to all of the assets, property, rights, privileges, power and authority, and has assumed all obligations and liabilities of TXO which existed on the date of the merger.

Marathon requests that your records and filings be changed to reflect this merger, including making any appropriate change in your operator or ownership records. For the purposes of any change, mailing or notification, please substitute the following address and phone number for TXO:

Marathon Oil Company
Attention: Mr. R. P. Meabon
1501 Stampede Avenue
P. O. Box 2690
Cody, WY 82414
(307) 587-4961

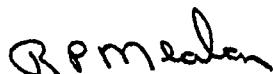
Utah Division of Oil, Gas & Mining
January 22, 1991
Page 2

Any bond in the name of TXO should be cancelled and all wells and properties shown on the attached Exhibit "A" should be placed on Marathon's statewide bond for the state of Utah.

Marathon respectfully requests that you acknowledge your receipt of this letter by signing the enclosed duplicate original of this letter in the space provided below, and returning it to me in the self-addressed, stamped envelope provided. Also, please provide Marathon with confirmation of the bond cancellations in accordance with the substitution requested above.

Marathon appreciates your patience and cooperation in this matter, and if Marathon can be of any further assistance, please feel free to contact this office.

Sincerely,



R. P. Meabon
Regulatory Coordinator
Rocky Mountain Region
Extension 3003

RPM:mh

Attachments

RECEIVED AND ACCEPTED THIS _____ DAY OF _____,
1991, BY:

[Governmental Agency or Department]

By _____
Name _____
Its _____
Title _____

UNITED STATES OF AMERICA,
STATE OF OHIO,
OFFICE OF THE SECRETARY OF STATE.

I, Sherrod Brown

do hereby certify that I am the duly elected, qualified and present acting Secretary of State for the State of Ohio, and as such have custody of the records of Ohio and Foreign corporations; that said records show an AGREEMENT OF MERGER of MARATHON PETROLEUM COMPANY, an Ohio corporation, Charter No. 7265, having its principal location in Findlay, County of Hancock, and incorporated on August 1, 1887, and TXO PRODUCTION CORP., a Delaware corporation, having qualified to do business within the State of Ohio on November 2, 1983, under License No. 623328, into MARATHON OIL COMPANY, an Ohio corporation, Charter No. 584981, the survivor of said Merger, filed in this office on December 24, 1990, recorded in the Records of Incorporation. Said surviving corporation, MARATHON OIL COMPANY, an Ohio corporation, Charter No. 584981, having its principal location in Findlay, County of Hancock, was incorporated on November 18, 1981 and is currently in GOOD STANDING upon the records of this office.

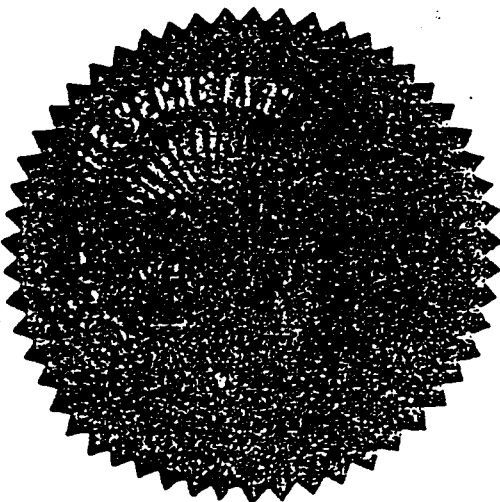
WITNESS my hand and official seal at

Columbus, Ohio, this

28th day of December, A.D. 1990

Sherrod Brown

Sherrod Brown
Secretary of State



DOGm- FYI - From Connie Larson- TAX Commission

Tax Compliance Division



**Marathon
Oil Company**

Findlay, Ohio 45840
Telephone 419/422-2121

January 23, 1991

N1580

TO WHOM IT MAY CONCERN:

Effective immediately after the close of business on December 31, 1990, TXO Production Corporation, taxpayer I.D. 75-1710388, a Delaware Corporation, was merged into Marathon Oil Company, taxpayer I.D. 25-1410539.

Following the merger, all business activity previously conducted by TXO Production Corporation will be conducted by and under the name of Marathon Oil Company.

Marathon Oil Company
Tax Organization

GRL:pah
GRL100T

REC'D USITC P.B.
FEB 14 1991

Send a copy to DOGM 2-219

A subsidiary of USX Corporation

Copy sent to Master
Sale mail



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 5 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• TXO PRODUCTION CORP.
P. O. BOX 2690
CODY WY 82414
ATTN: R. P. MEABON

Utah Account No. N1580

Report Period (Month/Year) 12 / 90

Amended Report ☐

Well Name			Producing	Days	Production Volume		
API Number	Entity	Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
EVACUATION CREEK STATE "A" #1			ML-28043				
4304731674	10661	12S 25E 2	DKTA				
CRACKER FEDERAL #4		U-54196					
4304731748	10669	11S 23E 7	WSTC				
MARBLE MANSION UNIT #1		U-54201			NEED SUCCESSOR to Unit Oper. (TXO to Marathon)		
4304731865	10997	11S 23E 18	WSTC				
BRIDLE FEDERAL 4		U-47866					
4304731866	11011	06S 22E 34	UNTA				
CROQUET FEDERAL 3		U-53862					
4304731867	11013	06S 21E 35	UNTA				
STIRRUP FEDERAL 29-2		U-46699					
4304731508	11055	06S 21E 29	GRRV				
STIRRUP FEDERAL #29-3		U-46699					
4304731634	11056	06S 21E 29	GR-WS				
STIRRUP STATE #32-1		ML-22036					
4304731557	11057	06S 21E 32	GRRV				
STIRRUP STATE #32-2		ML-22036					
4304731626	11058	06S 21E 32	GR-WS				
FOOTBALL FED. 29-4		U-46699					
4304731883	11085	06S 21E 29	UNTA				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone

PLEASE COMPLETE FORMS IN BLACK INK

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- LCR	<i>he</i>
2- DTS	<i>TS</i>
3- VLC	<i>✓</i>
4- RJF	<i>✓</i>
5- RWM	<i>he</i>
6- LOR	<i>he</i>

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)

TO (new operator)	<u>MARATHON OIL COMPANY</u>	FROM (former operator)	<u>TXO PRODUCTION CORP.</u>
(address)	<u>P. O. BOX 2690</u>	(address)	<u>P. O. BOX 2690</u>
	<u>CODY, WY 82414</u>		<u>CODY, WY 82414</u>
	<u>phone (307) 587-4961</u>		<u>phone (307) 587-4961</u>
	<u>account no. N 3490</u>		<u>account no. N1580</u>

Well(s) (attach additional page if needed): ***MERGER***

Name: **SEE ATTACHED**	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(see documentation)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec. 1-24-91)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-26-91)*
- See 6. Cardex file has been updated for each well listed above.
- See 7. Well file labels have been updated for each well listed above.
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes) no (If entity assignments were changed, attach copies of Form 5, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *(Federal & State wells only)*
2. A copy of this form has been placed in the new and former operators' bond files. *(upon completion of routing)*
3. The former operator has requested a release of liability from their bond (yes) no yes. Today's date February 27, 1991. If yes, division response was made by letter dated March 1, 1991.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases. *Sent 3-5-91*

FILED

1. All attachments to this form have been microfilmed. Date: March 11 1991.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

- 910204 Bfm/moa6 No doc. as of yet. (In the process of changing) will call when approved.
Bfm/S.Y. Book Cliff's Unit, Oil Springs Unit, Marble Mansion Unit (Not approved as of yet)
- 910204 St. Lands - No documentation as of yet. (Copy hand delivered 2-8-91) for
- 910222 Bfm/S.Y. - Approved 2-20-91 - OK for O&Gm to recognize eff. date 1-1-91. (T. Thompson)
- 910226 St. Lands - Needs additional info. "will take 2-3 weeks". (Proceed with change per DTS,
- 71/34-35

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. See Below
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Marathon Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 2690, Cody, Wyoming 82414		8. FARM OR LEASE NAME See Below
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface See Below At proposed prod. zone See Below		9. WELL NO. See Below
14. API NO. See Below		10. FIELD AND POOL, OR WILDCAT See Below
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA See Below
12. COUNTY Grand and Uintah		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

On 2/22/93 with an effective date of October 1, 1992, Marathon Oil Company sold all of its rights, title and interests shown on Exhibit 'A' and 'B' to:

Lone Mountain Production Company
P.O. Box 3394, 408 Production Building
Billings, Montana 59103-3394

By copy of this sundry notice to Lone Mountain Production Company, Marathon is advising that Lone Mountain Production Company is responsible for operating these leases and wells within the federal and state rules and regulations.

Utah O&G--cc: WRF,RDS,CLB,RPM,KJI,TITLE AND CONTR(HOU),ACCTG.,CFR,LONE MTN. PROD.

18. I hereby certify that the foregoing is true and correct

SIGNED <u>R.P. Meabon</u>	TITLE <u>Regulatory Coordinator</u>	DATE <u>2/23/93</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

See Instructions On Reverse Side"

List of Properties sold by Marathon Oil Company to Lone Mountain Production Company, P.O. Box 3394, 408 Petroleum Building, Billings, Montana 59103-3394

WELL	LOCATION	LEASE	API #
North Horse Point Field			
Little Berry State #1	SW/4 SW/4, Sec. 2-16S-23E	ML-21061	043-019-31075
BAR X West Field			
Hancock Federal #2	NW/4 SW/4, Sec. 5-17S-25E	U-38720	043-019-30833
Bryson Canyon Field			
Hougen Federal A#1- St #1	SW/4 SW/4 Sec. 14-17S-24E	U-42480	043-019-30799
TXO Pogo USA #19-9	NE/4 SE/4, Sec. 15-17S-24E	U-49535	043-019-30779
East Canyon Field			
Callister Federal #1	NW/4 SE/4 Sec. 24-16S-24E	U-38363	043-019-30857
Ptasynski Federal #1	NE/4 NW/4 Sec. 15-17S-23E	U-24603-A	043-019-30780
Horseshoe Bend Field			
Bridle Federal #1	SW/4 SW/4 Sec. 34-6S-22E	U-47866	043-047-31533
Bridle Federal #2	NE/4 SE/4 Sec. 34-6S-22E	U-47866	043-047-31655
Bridle Federal #3	SE/4 NE/4 Sec. 34-6S-22E	U-47866	043-047-31678
Bridle Federal #4	SE/4 NE/4 Sec. 34-6S-22E	U-47866	043-047-31866
Croquet Federal #1	SE/4 NE/4 Sec. 35-6S-21E	U-53862	043-047-31440
Croquet Federal #2	NE/4 SE/4 Sec. 35-6S-21E	U-53862	043-047-31672
Croquet Federal #3	NE/4 NW/4 Sec. 35-6S-21E	U-53862	043-047-31867
Football Fed #29-4	SE/4 SW/4 Sec. 29-6S-21E	U-46699	043-047-31883
Shuffleboard Fed #1	NE/4 NE/4 Sec. 27-6S-21E	U-31255	043-047-31668
Stirrup Fed. #28-1	NW/4 SW/4 Sec. 28-6S-21E	U-34711	043-047-31571
Stirrup Fed. #29-2	NW/4 SE/4 Sec. 29-6S-21E	U-46699	043-047-31508
Stirrup Fed. #29-3	SE/4 SE/4 Sec. 29-6S-21E	U-46699	043-047-31634
Stirrup State #32-1	NW/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31557
Stirrup State #32-2	SE/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31626
Stirrup State #32-4	NW/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31648
Rockhouse Field			
Cracker Fed. #1	SE/4 NE/4 Sec. 8-11S-23E	U-54197	043-047-31532
Cracker Fed. #2	SE/4 SE/4 Sec. 8-11S-23E	U-54197	043-047-31690
Cracker Fed. #3	SW/4 SE/4 Sec. 5-11S-23E	U-54193	043-047-31689
Cracker Fed. #4	SE/4 NE/4 Sec. 7-11S-23E	U-54196	043-047-31748
Marble Mansion #1	SE/4 SE/4 Sec. 18-11S-23E	U-54201	043-047-31865
Wells Fed. A #1	SW/4 SE/4 Sec. 12-11S-23E	U-54198	043-047-31603

San Arroyo Field

Arco Fed. B #1	SE/4 SE/4 Sec. 6-16S-25E	U-9831	043-019-30552
Arco Fed. C #1	NW/4 NW/4 Sec. 35-16S-25E	U-06188-B	043-019-30572
Arco Fed. D #1	NE/4 SE/4 Sec. 34-16S-25E	U-29645	043-019-30578
Arco Fed. H #1	NW/4 SW/4 Sec. 12-16S-25E	U-0126528	043-019-31002
Bennion Fed. #1	NE/4 NW/4 Sec. 30-16S-25E	U-24632	043-019-30893
BMG Fed. #1	NE/4 NW/4 Sec. 8-16S-26E	U-05015	043-019-31017
BMG Fed. #2	SW/4 SW/4 Sec. 8-16S-26E	U-05015	043-019-31108
BMG Fed. #3	SW/4 SW/4 Sec. 8-16S-26E	U-05015-A	043-019-31114
BMG Fed. #4	NW/4 NW/4 Sec. 17-16S-26E	U-05015-A	043-019-31130
BMG Fed. #5	NW/4 SW/4 Sec. 8-16S-26E	U-05015-A	043-019-31131
BMG Fed. #7	NW/4 SE/4 Sec. 17-16S-26E	U-05015-A	043-019-31183
Bookcliffs #1	SE/4 SE/4 Sec. 32-18S-22E	U-036905	043-019-15410
Bookcliffs #3	SW/4 NE/4 Sec. 33-18S-22E	U-036905	043-019-15411
Credo Fed. #1	NE/4 SE/4 Sec. 5-16S-26E	U-24638	043-019-30797
Credo Fed. A #1	SE/4 NW/4 Sec. 5-16S-26E	U-24638	043-019-30798
Grynberg Fed. #1	NE/4 SW/4 Sec. 28-16S-25E	U-13653	043-019-30657
Harvey Fed. #1-X	SW/4 SE/4 Sec. 5-16S-25E	U-10427	043-019-30574
Lauck Fed. A #1	SE/4 SE/4 Sec. 29-16S-25E	U-34033	043-019-30990
Lauck Fed. #2	NW/4 SW/4 Sec. 29-16S-25E	U-34033	043-019-31109
Moxa Fed. #1	SW/4 SW/4 Sec. 9-16S-26E	U-24638	043-019-30698
Moxa Fed. A #1	NE/4 SE/4 Sec. 4-16S-26E	U-24638	043-019-30792
Nicor Fed. #1	NW/4 NE/4 Sec. 28-16S-25E	U-31807	043-019-30656
Nicor Fed. #2	NW/4 NE/4 Sec. 33-16S-25E	U-13653	043-019-31020
Texas Pac St #1	NW/4 SE/4 Sec. 36-16S-25E	ML-4468-A	043-019-30634
Texas Pac St #2	SW/4 SW/4 Sec. 36-16S-25E	ML-4468-A	043-019-30670
Valentine Fed. #1	SE/4 SW/4 Sec. 35-16S-25E	U-38276	043-019-30639
Valentine Fed. #2	SE/4 NW/4 Sec. 34-16S-25E	U-38276	043-019-30640
Valentine Fed. #3	SE/4 SW/4 Sec. 35-16S-25E	U-38276	043-019-31009
Wall Fed. #1	NE/4 SW/4 Sec. 30-16S-25E	U-24632	043-019-30838

Oil Springs Field

Oil Springs #5	NE/4 SW/4 Sec. 5-12S-24E	U-08424-A	043-047-15930
Oil Springs #7	SE/4 SW/4 Sec. 4-12S-24E	U-08424-A	043-047-31248
Oil Springs #10	NE/4 NE/4 Sec. 5-12S-24E	U-08424-A	043-047-31656

Evacuation Creek Field

Evacuation Creek State A #1	NE/4 NE/4 Sec. 2-12S-25E	ML-28043	043-047-31674
Evacuation Cr.#23-2-1	NE/4 SW/4 Sec. 2-12S-25E	ML-28043	043-047-15675
Evacuation Creek State #1	SE/4 SW/4 Sec. 36-11S-25E	ML-39868	043-047-31307

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-53862

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Croquet Fed. No. 3

9. API Well No.
43-047-31867

10. Field and Pool, or Exploratory Area
Horseshoe Bend

11. County or Parish, State
Uintah County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Lone Mountain Production Company

3. Address and Telephone No.

P.O. Box 3394, Billings, MT 59103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

653' FNL, 1944' FWL, Sec. 35-T6S-R21E
(NE $\frac{1}{4}$ NW $\frac{1}{4}$)

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Lone Mountain Production Company has assumed operations of the above referenced well effective February 22, 1993. The former operator was Marathon Oil Company.

Bond Coverage is provided by Lone Mountain's Statewide Oil & Gas BLM Bond No. UT0719.

Field Operations will be handled by our Grand Junction office.

RECEIVED

FEB 25 1993

DIVISION OF

OIL GAS & MINING
Feb. 22, 1993

14. I hereby certify that the foregoing is true and correct

Signed James S. Rankin

Title Petroleum Engineer

Date _____

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

LONE MOUNTAIN PRODUCTION COMPANY

P.O. BOX 3394
408 PETROLEUM BUILDING
BILLINGS, MONTANA 59103-3394
(406) 245-5077
FAX 248-6321

February 22, 1993

State of Utah
Dept. of Natural Resources
Division of Oil, Gas, & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

Re: Change of Operator
Sundry Notices
Grand and Uintah Counties, Utah

Gentlemen:

Enclosed in triplicate are Sundry Notices for 53 wells located on Federal lands in Utah for which Lone Mountain Production Company is assuming operations effective February 22, 1993. Two separate lists of the wells and lease numbers, by sorted by BLM district, are attached. The wells were all previously operated by Marathon Oil Company. If any further information is needed please advise either me or Joe Dyk in our Grand Junction office.

Very truly yours,

Lone Mountain Production Company

James G. Routson

James G. Routson
President

Enclosures

xc: Joe Dyk
Marathon

RECEIVED

FEB 25 1993

DIVISION OF
OIL GAS & MINING

UTAH FEDERAL WELLS

VERNAL BLM DISTRICT

RECEIVED

FEB 25 1993

DIVISION OF
OIL GAS & MINING

<u>WELL</u>	<u>LEASE NO.</u>	<u>LOCATION</u>
Shuffleboard Fed. No. 1	U-31255	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-T6S-R21E
Stirrup Fed. No. 28-1	U-34711	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-T6S-R21E
Stirrup Fed. No. 29-2	U-46699	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-T6S-R21E
Stirrup Fed. No. 29-3	U-46699	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-T6S-R21E
Football Fed. No. 29-4	U-46699	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-T6S-R21E
Croquet Fed. No. 1	U-53862	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-T6S-R21E
Croquet Fed. No. 2	U-53862	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-T6S-R21E
Croquet Fed. No. 3	U-53862	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-T6S-R21E
Bridle Fed. No. 1	U-47866	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 2	U-47866	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 3	U-47866	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 4	U-47866	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-T6S-R22E
Cracker Fed. No. 1	U-54197	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-T11S-R23E
Cracker Fed. No. 2	U-54197	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-T11S-R23E
Cracker Fed. No. 3	U-54193	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-T11S-R23E
Cracker Fed. No. 4	U-54196	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-T11S-R23E
Marble Mansion Unit #1	U-54201	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-T11S-R23E
Wells Fed. A No. 1	U-54198	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-T11S-R23E
Oil Springs Unit #5	U-08424-A	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-T12S-R24E
Oil Springs Unit #7	U-08424-A	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-T12S-R24E
Oil Springs Unit #10	U-08424-A	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-T12S-R24E

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a pit, fault, reservoir, or other geological feature.
Use "APPLICATION FOR PERMIT—" for such proposals

RECEIVED

SUBMIT IN TRIPLICATE

MAR 22 1993

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3. Address and Telephone No.

P.O. Box 2690, Cody, Wyoming 82414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NF NW 35-6S-21E

DIVISION OF
OIL GAS & MINING

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FEB 25 1993

5. Lease Designation and Serial No.

U-53862

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CROOKET 3

9. API Well No.

See Below

10. Field and Pool, or Exploratory Area

See Below

11. County or Parish, State

See Below

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form 1)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

VERNAL DIST.
ENG. 2/21/93
GEOL.
E.S.
PET.
A.M.

On 2/22/93 with an effective date of October 1, 1992, Marathon Oil Company sold all of its rights, title and interests shown on Exhibits 'A' and 'B' to:

Lone Mountain Production Company
P.O. Box 3394, 408 Petroleum Building
Billings, Montana 59103-3394

Marathon Oil Company has emergency NTL-2B pit permits for these wells and associated operations and by copy of this sundry notice to Lone Mountain Production Company, Marathon is advising that Lone Mountain Production Company is responsible for operating the pits in compliance with NTL-2B regulations as well as all other state and federal regulations.

BLM-orig: &3--cc: WRF, RDS, CLB, RPM, KJI, TITLE AND CONTR(HOU), ACCTG., CFR,
Lone Mtn. Prod. Co.

14. I hereby certify that the foregoing is true and correct

Signed B.P. Meala

Title Regulatory Coordinator

Date 2/23/93

(This space for Federal or State office use)

Approved by [Signature]
Conditions of approval, if any

Title ASSISTANT DISTRICT
MANAGER MINERALS

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

CONDITIONS OF APPROVAL ATTACHED

Marathon Oil Company
Change of Operator

CONDITIONS OF APPROVAL

We have reviewed your proposal for technical adequacy and concur with the request providing the following stipulations are included as a part of the approval.

1. This change of operator approval is for the following wells only:

<u>WELL NAME & NUMBER</u>	<u>LEASE NUMBER</u>
Stirrup Fed. 28-1	U - 34711
Stirrup Fed. 29-2	U - 46699
Stirrup Fed. 29-3	U - 46699
Stirrup Fed. 29-4	U - 46699
Croquet Fed. 1	U - 53862
Croquet Fed. 3	U - 53862
Bridle Fed. 1	U - 47866
Bridle Fed. 2	U - 47866
Bridle Fed. 3	U - 47866
Bridle Fed. 4	U - 47866
Cracker Fed. 1	U - 54197
Cracker Fed. 2	U - 54197
Cracker Fed. 3	U - 54193
Cracker Fed. 4	U - 54196
Wells Fed. 1	U - 54198

2. The other wells as listed in the attachment to this sundry notice are denied. The reason for denial is because the wells are either in a Communitization Agreement (C.A.) or a Federal Unit or they are located outside of the Vernal District. Changes of operator for wells that are C.A.s or Federal Units needed to be filed with our BLM State Office in Salt Lake City, Utah. The changes for the other wells will need to be filed in the appropriate District or Resource Area Office.

RECEIVED

MAR 22 1993

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	RECEIVED MAR 24 1993 DIVISION OF OIL GAS & MINING	5. Lease Designation and Serial No. U-53862
2. Name of Operator Lone Mountain Production Company		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 3394, Billings, MT 59103		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 653' FNL, 1944' FWL, Sec. 35-T6S-R21E (NE $\frac{1}{4}$ NW $\frac{1}{4}$)		8. Well Name and No. Croquet Fed. No. 3
		9. API Well No. 43-047-31867
		10. Field and Pool, or Exploratory Area Horseshoe Bend
		11. County or Parish, State Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Lone Mountain Production Company has assumed operations of the above referenced well effective February 22, 1993. The former operator was Marathon Oil Company.

Bond Coverage is provided by Lone Mountain's Statewide Oil & Gas BLM Bond No. UT0719.

Field Operations will be handled by our Grand Junction office.

RECEIVED
FEB 25 1993

14. I hereby certify that the foregoing is true and correct		
Signed <u>James A. Rankins</u>	Title <u>Petroleum Engineer</u>	Date <u>Feb. 22, 1993</u>
(This space for Federal or State office use)		
Approved by <u>Edwin R. Tesman</u>	Title <u>Assistant District Manager Minerals</u>	Date <u>MAR 23 1993</u>
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-DEC	7-DEC
2-DTS	
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-92)

TO (new operator)	<u>LONE MTN PRODUCTION CO</u>	FROM (former operator)	<u>MARATHON OIL COMPANY</u>
(address)	<u>P. O. BOX 3394</u>	(address)	<u>P. O. BOX 2690</u>
	<u>BILLINGS, MT 59103-3394</u>		<u>CODY, WY 82414</u>
	<u>phone (406) 245-5077</u>		<u>phone (307) 587-4961</u>
	<u>account no. N 7210</u>		<u>account no. N 3490</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-25-93)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 2-25-93)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-24-93)*
- Sec 6. Cardex file has been updated for each well listed above. *(3-24-93)*
- Sec 7. Well file labels have been updated for each well listed above. *(3-24-93)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-24-93)*
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 1 2. A copy of this form has been placed in the new and former operators' bond files.
- 1 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 3/25/93 1993. If yes, division response was made by letter dated 3/25/93 1993.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 3/25/93 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 1 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1 Rum 1. All attachments to this form have been microfilmed. Date: March 29 1993.

FILING

- 1 lee 1. Copies of all attachments to this form have been filed in each well file.
- 1 lee 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

- 930316 Btm/Moab Approved some of the wells on 3-10-93 eff. 2-23-93. (see other change.)
- 930323 Btm/Vernal Approved some of the wells on 3-16-93 eff. 10-1-92. The remaining wells are unitized or under a C.A. (will be handled on separate change).
- 930324 Btm/Vernal Approved same wells on 3-23-93, operation of wells eff. 2-22-93.

LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 3394
Billings, MT 59103-3394

(406) 245-5077
FAX 248-6321

Shipping Address:
100 North 27th Street
Suite 650
Billings, MT 59101

August 7, 1996

Lisha Cordova
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

VIA FAX: 1-801-359-3940

RE: RESIGNATION OF OPERATOR
VARIOUS WELLS
UINTAH COUNTY, UTAH

Dear Lisha:

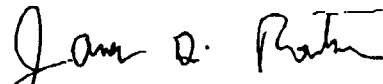
Pursuant to your telephone conversation with Carolyn George this afternoon, attached is a list of federal wells previously operated by Lone Mountain Production Company in the referenced county.

Lone Mountain has resigned as operator of the aforementioned wells and accepts the transfer of operations to Rosewood Resources, Inc., effective August 1, 1996.

Should you have any questions or need further information please contact our office at the letterhead address or phone number.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY



James G. Routson
President

Attachment

UTAH FEDERAL WELLS

VERNAL BLM DISTRICT

<u>Well</u>	<u>Lease No.</u>	<u>Location</u>
Shuffleboard Federal No. 1	U-31255	NE¼NE¼ Section 27: T6S-R21E
Stirrup Federal No. 28-1	U-34711	NW¼SW¼ Section 28: T6S-R21E
Football Federal No. 29-4	U-46699	SE¼SW¼ Section 29: T6S-R21E
Croquet Federal No. 1	U-53862	SE¼NE¼ Section 35: T6S-R21E
Croquet Federal No. 2	U-53862	NE¼SE¼ Section 35: T6S-R21E
Croquet Federal No. 3	U-53862	NE¼NW¼ Section 35: T6S-R21E
Bridle Federal No. 1	U-47866	SW¼SW¼ Section 34: T6S-R22E
Bridle Federal No. 2	U-47866	NE¼SE¼ Section 34: T6S-R22E
Bridle Federal No. 3	U-47866	SW¼NW¼ Section 34: T6S-R22E
Bridle Federal No. 4	U-47866	SE¼NE¼ Section 34: T6S-R22E
Cracker Federal No. 1	U-54197	SE¼NE¼ Section 8: T11S-R23E
Cracker Federal No. 2	U-54197	SE¼SE¼ Section 8: T11S-R23E
Cracker Federal No. 3	U-54193	SW¼SE¼ Section 5: T11S-R23E
Cracker Federal No. 4	U-54196	SE¼NE¼ Section 7: T11S-R23E
Marble Mansion Unit No. 1	U-54201	SE¼SE¼ Section 18: T11S-R23E
Oil Springs Unit No. 5	U-08424-A	NE¼SW¼ Section 5: T12S-R24E
Oil Springs Unit No. 7	U-08424-A	SE¼SW¼ Section 4: T12S-R24E
Oil Springs Unit No. 10	U-08424-A	NE¼NE¼ Section 5: T12S-R24E

UTAH FEDERAL WELLS*(Rosewood Resources, Inc. assumes operations effective August 1, 1996)***BLM VERNAL DISTRICT**

No.	WELL NAME	LEASE NO.	LOCATION in Uintah County
1)	Shuffleboard Fed. No. 1	U-31255	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-T6S-R21E
2)	Stirrup Fed. No. 28-1	U-34711	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-T6S-R21E
3)	Football Fed. No. 29-4	U-46699	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-T6S-R21E
4)	Croquet Fed. No. 1	U-53862	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-T6S-R21E
5)	Croquet Fed. No. 2	U-53862	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-T6S-R21E
6)	Croquet Fed. No. 3	U-53862	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-T6S-R21E
7)	Bridle Fed. No. 1	U-47866	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-T6S-R22E
8)	Bridle Fed. No. 2	U-47866	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-T6S-R22E
9)	Bridle Fed. No. 3	U-47866	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-T6S-R22E
10)	Bridle Fed. No. 4	U-47866	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-T6S-R22E
11)	Cracker Fed. No. 1	U-54197	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 08-T11S-R23E
12)	Cracker Fed. No. 2	U-54197	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 08-T11S-R23E
13)	Cracker Fed. No. 3	U-54193	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 05-T11S-R23E
14)	Cracker Fed. No. 4	U-54196	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 07-T11S-R23E
15)	Marble Mansion Unit #1	U-08424-A	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-T11S-R23E
16)	Oil Springs Unit #5	U-08424-A	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 05-T12S-R24E
17)	Oil Springs Unit #7	U-08424-A	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 04-T12S-R24E
18)	Oil Springs Unit #10	U-08424-A	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 05-T12S-R24E



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

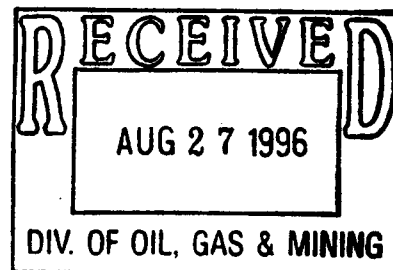
Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08300

August 26, 1996

Rosewood Resources, Inc.
Attn: Janet Hambright
100 Crescent Sourt, Suite 500
Dallas, TX 75201



Re: Well No. Croquet Federal 3
NENW, Sec. 35, T6S, R21E
Lease U-53862
Uintah County, Utah

Dear Ms. Hambright:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Rosewood Resources, Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0627, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager
Minerals Resources

cc: Lone Mountain Production Company
Division of Oil, Gas & Mining
Best Exploration Inc.
DJ Investment Co.
Marceil Fees Trust
J&K Properties Inc.
T-K Production Co.

Don F. Bradshaw Trust
W S Fees Jr Trust
Harold B. Holden
Morgan Marathon Ltd.
John W. Warner

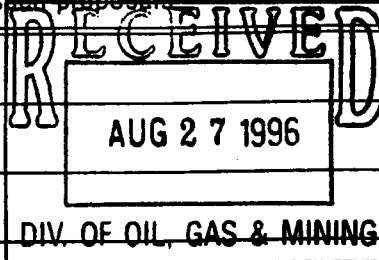
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE



1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Rosewood Resources, Inc.

3. Address and Telephone No.
100 Crescent Court, Suite 500, Dallas, TX 75201 (214) 871-5700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
653' FNL, 1944' FWL, Section 35: T6S-R21E
(NE $\frac{1}{4}$ NW $\frac{1}{4}$)

5. Lease Designation and Serial No.
U-53862

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Croquet Fed. No. 3

9. API Well No.
43-047-31867

10. Field and Pool, or Exploratory Area
Horseshoe Bend

11. County or Parish, State
Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Rosewood Resources, Inc. has assumed operation of the above referenced well effective August 1, 1996. The former operator was Lone Mountain Production Company.

Bond Coverage is provided by Rosewood's Nationwide Oil & Gas Bond No. MT0627.

VERNAL DIST.
ENG. SAH
GEOL. _____
E.S. _____
PET. _____
A.M. _____

RECEIVED
AUG 01 1996

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Production Engineer Date August 1, 1996

(This space for Federal or State official use)

Approved by [Signature] Title Assistant Field Manager Date AUG 26 1996

Conditions of approval, if any:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 8 of 9

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

SUSAN GUFFEY
 LONE MTN PRODUCTION CO
 PO BOX 3394
 BILLINGS MT 59103-3394

UTAH ACCOUNT NUMBER: N7210REPORT PERIOD (MONTH/YEAR): 6 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
HANCOCK STATE #16-3								
4301931237	10686	17S 25E 16	DKTA					
BAR X UNIT 4								
4301915023	10692	17S 26E 18	ENRD					
FEDERAL 11-3								
4301931240	10746	17S 24E 11	DKTA					
FEDERAL 11-10								
4301931241	10747	17S 24E 11	DKTA					
QUINOCO STATE 16-12								
4301931243	10763	16S 26E 16	DKTA					
STATE 16-1								
4301931266	10924	17S 25E 16	DKTA					
QUINOCO FEDERAL 6-5								
4301931267	10926	17S 25E 6	DKTA					
QUINOCO STATE 32-9								
4301931282	10946	16S 26E 32	DK-MR					
MARBLE MANSTON UNIT #1								
4304731865	10997	11S 23E 18	WSTC			454201	Merble Mansion Unit	
✓ BRIDLE FEDERAL 4								
4304731866	11011	06S 22E 34	UNTA			447866		
✓ CROQUET FEDERAL 3								
4304731867	11013	06S 21E 35	UNTA			453862		
✓ FOOTBALL FED. 29-4								
4304731883	11085	06S 21E 29	UNTA			446699		
FEDERAL 20-R								
4301931320	11257	17S 25E 10	DKTA					
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1-DEC	6-DEC
2-GLH	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-1-96

TO: (new operator) ROSEWOOD RESOURCES INC
 (address) 100 CRESCENT COURT #500
DALLAS TX 75201

Phone: (214)871-5718
 Account no. N7510

FROM: (old operator) LONE MTN PRODUCTION CO
 (address) PO BOX 3394
BILLINGS MT 59103-3394

Phone: (406)245-5077
 Account no. N7210

WELL(S) attach additional page if needed:

Name: <u>**SEE ATTACHED**</u>	API: <u>43017-31867</u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 8-7-96)*
- Yes 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 8-7-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) If yes, show company file number:
- Yes 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(8-29-96)*
- Yes 6. Cardex file has been updated for each well listed above.
- Yes 7. Well file labels have been updated for each well listed above.
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) _____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- VDP 1. All attachments to this form have been microfilmed. Today's date: 9/18/96.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

960829 Btm/Vernal Aprv. 8-26-96